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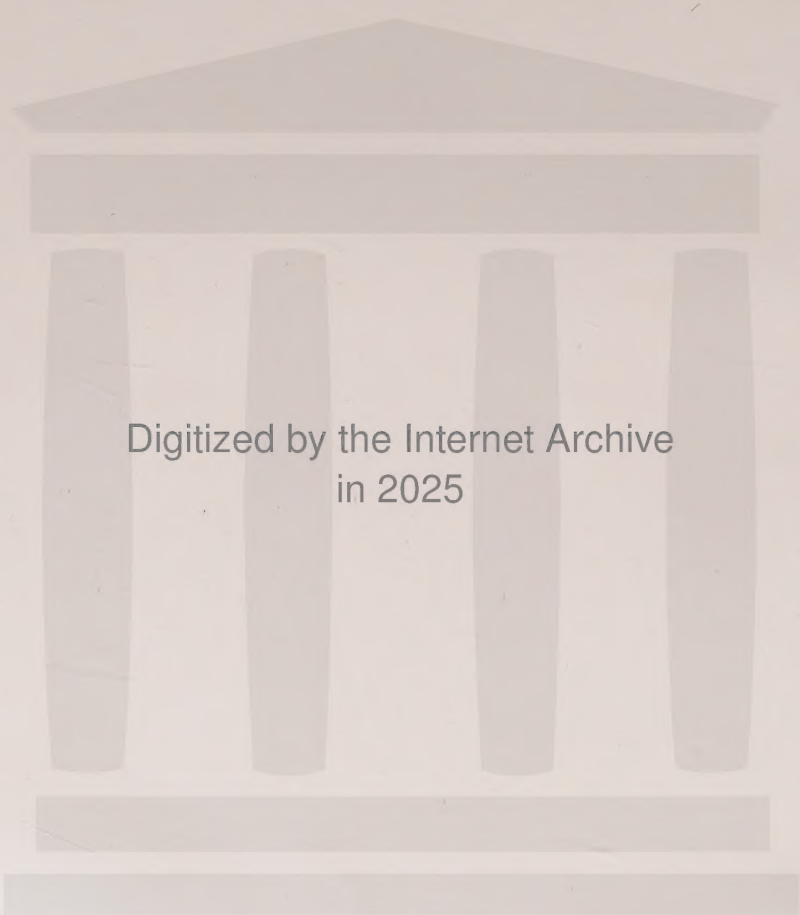
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THE

ENCYCLOPEDIA

OF

PURE MATERIA MEDICA.

A RECORD OF THE

POSITIVE EFFECTS OF DRUGS UPON THE HEALTHY HUMAN ORGANISM.

EDITED BY

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ENCYCLOPEDIA

OF

PURE MATERIA MEDICA.

HYDROCYANIC ACID.

Acidum hydrocyanicum. Hydrocyanic or Prussic acid; (Germ.), Blausäure.

The pure acid should be preserved in a 2 per cent. aqueous solution; this is the officinal acid, and is to be considered the matrix.

Preparation for use, Dilutions with alcohol.

Authorities. (1 to 5, provings by Jörg and his pupils) **1,** Assmann, proving of acid prepared after Vauquelin's method, 1 drop, morning, 2 drops at 3 P.M. first day, 3 drops second day; **1***a*, same, proving of acid prepared after method of Ittner and Brandes (from Ferrocyanide of potassium and Phosphoric acid), 2 drops first day, 3 drops second day; **2,** Heisterbergh, proving of Vauquelin's acid, half a drop first day, 1 drop in morning and 2 drops in afternoon second day, 3 drops third day; **2***a*, same, Ittner's acid; **3,** Kneschke, proving with Vauquelin's acid; **3***a*, same, with Ittner's acid; **4,** Otto, proving with Vauquelin's acid; **4***a*, same, with Ittner's acid; **5,** Jörg, proving with Vauquelin's acid; (6 to 25, except 16, 17, 19, and 20, from Hartlaub and Trinks's "Laurocerasus," Mat. Med., 1, p. 127); **6,** Symptoms by Hartlaub; **7,** omitted; **8,** Hufeland's Journ., 52, 2, p. 56; **9,** Granville, Lond. Med. and Phys. Journ., Sept., 1826; **10,** Roch, die Anwend. d. Blausäure, Leipzig, 1827, 8; **11,** G. A. Richter, Arzneim., II, p. 512; **12,** Toulmouche, Rév. Méd. Franc. et étrang. et Journ. d. Clin. de l'Hôtel Dieu, I, pp. 265–274; **13,** Hufeland's Journ., 1823, pt. 7, effects of 2 scruples of Ittner's acid in half an ounce of water; **14,** Ann. de Chim., Oct. 1814, tom. 92; **15,** Manzoni, de precip. acid Pruss., etc., effects of fumes; **16,** Ittner, effects of inhalation, Beit. z. Gesch. d. Blausäure, 1809 (from Preyer's monograph, 1870); **17,** Gilbert, Annal., vol. 53, p. 217 (from Preyer's monograph), effects on a man; **18,** Magendie, Vorschr. z. Bereit. und Anwend., etc., 1826; **19,** Adlemann, rhein. Jahrb. 1 suppl., 1822 (from Frank's Mag., 3, p. 5), a man took 6 drops four times a day for pain in abdomen, after some days he took a double dose and felt effects; **20,** Coullon, Recherch. et Consid. Méd. sur l'acide hydrocyan., Paris, 1819, p. 128 (from Preyer's monograph, 1870), effects of inhalation, and in one case of 20 to 80 drops (!) internally; **21,** Hecker, Arznm., I, p. 309; **22,** Brera, reference omitted; **23,** G. A. Müller, ibid.; **24,** Neue Samml. aus. Abh. f. p. Aerzt.; **25,** Horn, Archiv., 1818, p. 510; **26,** Schneider, effects of inhalation (from Preyer); **27,** Wedemeyer, 1817, effects of 1 drop of 9 p. c. solution (from Preyer); **28,** Elwert, 1821, experiments (from Preyer); **29,**

Robiquet, 1831, effects of moistening the tips of the fingers with a 2 p. c. solution (Preyer); **30,** Preyer, monograph on Blausäure, 1870, effects of inhalation on himself; **31,** Robert (from Preyer); **32,** Bertin, case of poisoning by a teaspoonful of a 3 p. c. solution, Horn's Archiv, 1825; **33,** Baumgaertner, Med. Zeit., 1829 (Frank's Mag., 4, p. 5), a man suffering from hæmoptysis took too strong a dose (a few drops with ammonia); **34,** Hufeland's Journ., 1815 (Frank's Mag., 2, 558), a woman took about 40 grains of strong acid; **35,** Sandras, Recueil period., 110, 1830, general effects of too large doses on various patients; **36,** Andreessen, de ven. acid hydrocyan., Berlin, 1829 (from Roth's Mat. Med.); **37,** Gendrin, Journ. Gen., vol. 103, p. 367, ibid.; **38,** N. Eng. Med. Journ., 1821, p. 21, effects on a young lady suffering from phthisis pulm.; **39,** ibid., on a lady of 20 suffering from catarrh and chronic cough; **40,** ibid., on a child of 8 with hooping-cough; **41,** Geoghegan, Dublin Med. Journ., 1835, p. 309, a man suffering from uneasiness in stomach took doses of the acid according to Dublin Pharmacop. (sp. gr. .998), increasing to 2 drachms on the sixth day; **42,** same, experiments of Dr. Prout; **43,** Banks, Edin. Med. and Surg. Jour., 1837, p. 44, a girl of 19, suffering from indigestion, took more than 30 drops; **44,** Smith, Lancet, 1844, p. 335, a girl of 8 took oil of bitter almonds (about 10 to 15 drops); **45,** omitted; **46,** Garson, Edin. M. and S. J., 1843, p. 72, a man took an overdose of Hydrocyan. acid; **47,** Taylor, Lond. Med. Gaz., 1845, p. 103, a man took 45 drops of Scheele's acid; **48,** Nunneley, Provincial Med. and Surg. J., 1845, p. 561, a man took an overdose of Scheele's acid; **49,** Letheby, Pharm. Journ., 4, p. 511, a girl, aged 22, took less than a grain of the pure acid; **50,** Hempel's Mat. Med., from Rév. Méd., a physician experimented with diluted acid; **51,** Bishop, a man took about 1½ grains of pure acid, Lancet, 1845, p. 315; **52,** Godfrey, Lond. and Ed. Month. Journ., 1845, p. 711, a man took an overdose; **53,** Hicks, Lond. Med. Gaz., 1845, p. 462, a girl took 1 ounce of Scheele's acid; **54,** same, a woman took an overdose; **55,** Champneys, Lond. and Ed. Month. J., 1845, p. 708, a woman was poisoned by it; **56,** Pooley, Lond. Med. Gaz., vol. 35, p. 859, a man was found with an ounce vial half full of Scheele's acid; **57,** Hoyn, Chemist., vol. 4, p. 421, a man drank about 45 grammes of hydrate of cherry laurel; **58,** Lond. Times and Gaz., 1858, p. 36, a woman poisoned by an overdose; **59,** Christison, Edin. Month. Journ., 1850, p. 97, a man, aged 60, poisoned; **60,** Regnault (Ann. d'Hyg.), B. and F. Med.-Chir. Rev., 1852, p. 418, a medical student poisoned by vapor; **61,** Barker, Br. Med. J., 1861, p. 655, a boy took almond flavor; **62,** Perry, Br. Med. Journ., Jan. 1862, a man committed suicide (scarcely a grain taken); **63,** Hickman, Lancet, 1866, p. 310, a man took half an ounce; **64,** omitted; **65,** Hall, Am. J. Med. Sc., 1868, p. 277, a man took about 100 drops of a 2 p. c. solution (death in twenty minutes); **66,** Stevenson, Guy's Hosp. Rep., 1869, p. 259, a man took about 1½ drachms of Scheele's acid; **67,** Thomas, Lancet, 1873, p. 522, a man took about an ounce of ordinary acid of the Pharmacop.; **68,** Madden and Hughes, Br. J. of Hom., 20, p. 453, Sir Benj. Brodie applied a drop of oil of bitter almonds to his tongue.

Mind.—Emotional. After venesection, wild delirium, with constant tossing from side to side, biting at the bystanders, protruding anxious eyes, small pupils, heart and pulse rapid,[33].—She exclaimed, "Bread, bread," immediately, and sprang convulsively from her seat,[43].—Much disconnected talking,[33].—Occasionally moaning (after about twenty minutes),[46].—Groaned (after about twenty minutes),[46].—Gloominess and ill-humor, in the after-

noon (second day),[5].—Anxiety,[20].—Anxious feeling,[8].—Fretfulness (second day),[1a].—[10.] Loss of courage,[6].—Fear of imaginary troubles,[9].—***Intellectual.*** At first the patient made quick answers, but soon became heavy,[33]. —Thought difficult (second day),[4a].—Inability to collect the thoughts,[9].—Complete inability to think,[6].—Memory very weak,[6].—Unconscious (within five minutes),[65].—**Loss of consciousness*,[36].—Loss of consciousness, lasting two hours and a half,[72].—[20.] Loss of consciousness, with great weakness,[13]. —Sudden loss of consciousness and sensation,[50].—*Complete loss of consciousness*,[37].—Stupefaction,[31]; (from the fumes),[14]; (after four minutes, third day),[3].—He was in a state of coma and perfectly insensible,[62].—Extreme coma for four hours and a half, only interrupted by occasional sudden convulsive movements,[60].

Head.—Confusion and Vertigo. Confusion of the head,[10 20 30]; (after a few minutes),[1]; (second day),[5].—Confusion of the whole head (soon),[1].—Confusion of the whole head, accompanied at first by transient vertigo (soon),[3].—Confusion in the forehead and dull feeling of pain (first day),[1a].—[30.] Confusion of the right side of the head, accompanied by slight pressure in the occiput and forehead of the same side (after three minutes, second day),[3].—General confusion of the head,[1a].—Slight confusion of the head (after a few minutes),[5a].—Slight confusion of the head on the right side, extending from the occiput forward, and causing slight pressure in the frontal region (first day),[3].—Considerable confusion of the head, together with acute pressure in the forehead and occiput, worse on the right side, most violent in the region of the right eyebrow (third day),[3a].—Great confusion of the whole head, in the forehead and occiput (third day),[3].—Having walked a few paces he experienced a feeling of great confusion, with headache and loud ringing in his ears (after two minutes); he now with difficulty retraced his steps, and leaning forward on a table became insensible and fell backwards; in this state he remained altogether between three and four minutes, during which time he was violently convulsed, and, to use the expression of those present, affected like a rabbit poisoned with the acid (sixth day),[41].—Uneasy confusion in the head; he turned around, spoke a few words, and immediately fell down; the teeth were tightly clenched,[32].—Vertigo,[19 35]; (from the fumes),[15].—Vertigo, continuing through the day (third day),[3a].—[40.] Vertigo, lasting eight days,[16].—Vertigo; objects about him seemed to be moving (after four minutes, third day),[3].—Vertigo, so that he could scarcely keep upon his feet,[17].—Vertigo and obscuration of the senses,[11].—Vertigo, with oppression and weakness, so that he was obliged to go to bed,[16].—Slight vertigo (from the fumes), antidoted by coffee,[9].—Violent vertigo, without headache, so that he staggered in the street, and was unable to see distinctly, lasting four days,[27].—Dizziness (immediately),[51]; (soon),[6].—Sudden feeling as though everything about him moved slowly; he became dizzy without reeling, and noticed at the same time a slight pressure commencing in the left side of the occiput and extending over the left half of the head to the frontal region (after a quarter of an hour),[4].—***General Head.*** Head strongly inclined forward, without the patient being able to hold it erect (after three hours),[57]. —[50.] Violent congestion to the head,[35].—Apoplexy,[21].—A very peculiar condition like intoxication (fourth day),[4].—Feeling as after a great and long-continued exertion with the head, and as though he were very much exhausted thereby (second day),[5].—Pain and a feeling of distension in the head, which continued for the rest of the day (sixth day),[41].—A sort of concussion in the head (immediately),[50].—Strange disturbance in the head,

as if, according to her expression, her brain was on fire; she fell and remained an hour in a state of debility, without loss of consciousness; instantly (after second dose),[39].—Headache,[20 35]; (from the fumes),[15]; (after two minutes, sixth day),[41].—Headache, lasting several hours,[30].—Headache, only at night,[35].—[60.] Headache, now in one place, now in another, at different times (from the second to the fifth day),[5].—Headache and a kind of vertigo,[18].—Very violent stupefying headache; on bending the head the brain seemed to beat against it,[6].—Violent headache,[33].—Pressure in the head, commencing in the occiput and extending to the frontal sinuses, where it becomes seated (after one hour),[4].—Pressure in the head, extending from the vertex towards the forehead on both sides and to the orbits, where it became fixed, while from the occiput the pressure extended down the nape of the neck; though this pressure did not amount to real pain, it became so severe that it caused a slight confusion of the head (after one hour, second day),[4].—Pressure and heaviness in the head, in the evening (first day),[5].—Pressure and confusion of the head, relieved in the open air,[3].—Slight pressure in the head, commencing in the occiput and extending to the anterior surface of the head (second day),[4a].—Dull pressure in the head in various parts, at one time in the occiput, at another in the side, at another in the vertex, always extending to the forehead, never lasting over one or two minutes, and frequently repeated through the day (first day),[4a].—[70.] Weight, and pain, and heat of the head, with some gastric uneasiness,[43].—***Forehead.*** Forehead and face cold and dry,[34].—A feeling in the head not unlike slight intoxication; this did not amount to real pain, but was simply a feeling of tension in the frontal region (soon),[1].—Heaviness and a pressive sensation in the forehead (soon),[1].—Pressure on the right side of the forehead (after a few minutes),[3a].—Pressure on the right side of the forehead, extending to the occiput (soon),[3a].—Slight pressure in the forehead (after one hour),[4].—Pressive feeling in the frontal region, transient (after two drops),[2].—A violent pain, at first pressing from within outward, and then gradually becoming a very violent sticking and boring in the frontal regions and orbits (soon), (second day),[1a].—***Parietals.*** Pressure in the head, on the right side (third day),[4].—[80.] Pressure in the right side of the head, especially in the frontal region, which afterwards changed to the region of the left mastoid process, then to the left temple, afterwards to the right (fourth day),[4].—Slight pressure in the right side of the head, in the region of the crown and forehead (after half an hour),[5].—Pressive pain in the left half of the head, especially in the region of the vertex and forehead, which at times changed to the right side, and at times completely remitted (after half an hour, second day),[5].—***Occiput.*** Slight pain beneath the skin of the occiput,[20].—Constant slight pains in the occiput, in the open air, lasting two hours,[28].—Violent pressure in the occiput and forehead, more marked on the right side than on the left; the pressure in the head disappeared after a few minutes, but the confusion lasted for some hours (second day),[3].

Eye.—Objective. Eyes brilliant,[55].—The eye had a brilliant and glassy appearance throughout; mere physical brilliancy, without mental expression,[44].—Eyes bright, prominent, and glassy, and the pupils dilated (after five minutes),[61].—Eyes glassy,[48].—[90.] Eyes of almost natural appearance, dull rather than bright; not prominent; pupils large,[52].—Eyes staring and fixed, almost immediately; fixed and glistening (after quarter of an hour),[43].—Eyes prominent and staring,[48].—Eyes prominent, fixed, and staring after five or ten minutes),[58].—Eyes half closed, but prominent and glisten-

ing, with their pupils widely dilated, and quite insensible to light,[49].—**Distortion of the eyes*,[13].—Eyes fixed,[55]; (after twenty minutes),[46].—Eyes fixed and closed, and the pupil somewhat dilated,[63].—Eyes fixed, but lifelike, the pupils in their normal condition (after five minutes); at the moment of dissolution the pupil of eye dilated,[65].—Eyes seem immovable and involuntarily directed at one point (after quarter of an hour),[4].—***Subjective.*** [100.] Pain deep in the eyes and temples, and then in the occiput,[33].—Severe pressure, especially over the right inner canthus (third day),[3].—***Brow.*** (Pain above the left eye),[35].—***Lids.*** Small varicose veins in the eyelids,[33]. —*Open eyes, with fixed eyeballs*,[36].—Eyes open; eyeballs turned upward,[46].—Eyes wide open, fixed, and glazed; pupils widely dilated (after eight or nine minutes),[51].—Eyes wide open, staring straight forward upon vacancy, injected, watery, and with the pupils somewhat contracted, but not more so than they are naturally in persons of his age (after one hour),[59].—The eyelids stood wide open, and the eyeballs were difficult to move, only after decided exertion was it possible to look upward or downward, to the right or left (fourth day),[4].—Eyes half open,[13].—[110.] Eyes half open, clear, and natural, but insensible to the light,[34].—Eyelids partly closed, and the eyes appearing as if pushed forward between them, the pupils at the same time being fully dilated, and quite insensible to the stimulus of light,[54].—Eyes shut (sixth day),[41].—Eyelids closed, and the eyes both drawn to the left side; pupil dilated,[44].—Eyelids closed, and on opening them the pupils were found excessively dilated,[60].—***Ball.*** Eyeballs tense and very prominent,[33]. —***Pupil.*** Pupils dilated,[12 35 66]; (after fifteen or twenty minutes),[58].—Pupils dilated, only slightly sensible,[33].—Pupils dilated, insensible,[32].—Pupils dilated and wholly insensible (after quarter of an hour),[43].—[120.] Pupils moderately dilated, but afterwards contracted, and remained so the whole day (third day),[4].—Pupils widely dilated, but before death they became less so,[48].—Pupils equally dilated, and quite sensible to the stimulus of light,[55].—Pupils of a natural size, or perhaps a little contracted and insensible,[46].—Pupils of the eyes contracted and quite insensible to light,[62].—*Motionless pupil*,[36].—Immobility and dilatation of the pupil,[50].—***Vision.*** Dimness of vision and a sensation as of a fog before the eyes (soon),[1].—Obscuration of vision, with feeling of intoxication (soon), (second day),[1a]. —A light veil seemed to float before the eyes (after four minutes, third day),[3].—[130.] A cloud before the eyes (soon),[1].—Clouds seemed to float before the eyes; it was only with difficulty that he could see distinctly; in the afternoon (second day),[5].—It became dark before the eyes,[8].—Complete blindness, with pain in the forehead; dilated pupils sensitive to the light; eyeballs tense and prominent, with injection of the capillaries of the lids,[33].†—Sparks before the eyes,[35].

Ear.—Ringing in the ears,[35].—Loud ringing in his ears after two minutes (sixth day),[41].—Roaring in the ears,[35].

Nose.—A peculiar sensation in the upper nasal cavities; it seems as though mephitic air passed through them over the Schneiderian membrane, and caused a prickling feeling for a short time (after one hour, first day),[4].

Face.—Wild-looking and bloated countenance,[50].—[140.] Appeared like a man suffering from an excess of drink,[48].—It makes the lines of the face very distinct,[11].—Face flushed,[46].—Face and neck red and puffy,[32].—

† This condition was considered to be apoplexy of the retina; after using leeches, cold applications to the head and brows, and from time to time carbon sulphide on the temples, etc., after twenty-four hours the sight was completely restored.

Face bluish-red and swollen (after five or ten minutes),[58].—Bloodvessels injected, and the whole countenance bloated,[48].—Face and head congested and hot (after one hour),[59].—His face, previously pallid, became greatly congested, and the veins large and prominent,[63].—Face so greatly congested as to be almost purple,[54].—The countenance had a dusky appearance,[55].—[150.] Face blue,[66].—Slight cyanosis of the face,[60].—Color of the face very gray and earthy,[6].—Almost black in the face (after two or three minutes); countenance of a ghastly, pale appearance; his face, however, much swollen, and covered with large drops of perspiration (after eight or nine minutes),[51].—Very pale (after five minutes),[61].—Face swollen,[12].—Whole face swollen, turgid, and almost purple from congestion,[49].—Countenance puffed up and dark, rather purple,[48].—Face sunken,[6].—Face sunken, pale,[34].—***Lips.*** [160.] *Pale, bluish lips*,[36].—Distortion of the mouth,[32 50].—***Chin.*** The only symptom of life was a slight movement of the lower jaw,[55].—Jaw fixed,[48].—Jaws fixed, the teeth of the inferior retracted within those of the superior,[46].—Jaws clenched,[49 66].—Teeth clenched,[54]; (sixth day),[41].—Teeth firmly set, almost immediately,[43].—**The jaw was firmly clenched in rigid spasm*,[44].—Spasmodic contraction of the jaw (after fifteen or twenty minutes),[58].—[170.] He had the corner of the sheet between his teeth, along the sides of which, at each expiration, issued a large quantity of thick white foam; I attempted to remove the sheet from his mouth, but was unsuccessful, as the jaws were so tight I could not open them in the least (after eight or nine minutes),[51].—Lockjaw,[50].—Trismus,[12].—Jaw fallen,[52].

Mouth.—Tongue. Tongue coated,[6].—Tongue white and somewhat dry,[6].—Tongue slightly protruding,[52].—Sensation of numbness of the tongue (from local application),[27].—Feeling of coldness on the tongue,[15].—A feeling in the root of the tongue as though it were drawn together from both sides (soon), (second day),[5].—[180.] A peculiar irritation at the root of the tongue, which soon became a scraping feeling like that caused by eating dry walnuts (after quarter of an hour, first day),[4].—***General Mouth.*** Dryness of the mouth,[35].—Mouth very dry, before and after dinner (second day),[5].—Violent scraping in the soft palate,[30].—***Saliva.*** Salivation, with two or three slight attacks of nausea, lasting several minutes,[20].—Causes spitting,[31].—He was obliged to spit for several minutes,[17].—Foam issuing from the mouth,[54].—Mouth covered with foam,[49].—*Froth at the mouth*,[37].—[190.] Frothy mucus exuded from the lips,[63].—On raising her up a little, some froth came out of her mouth,[55].—Froth appeared at the mouth, forming large bubbles; this fluid was so viscid that it could scarcely be wiped away,[66].—Thick salivary froth tinged with blood (bloody appearance caused by her biting her tongue) issued from her mouth (after five or ten minutes),[58].—A small quantity of brownish tenacious matter had fallen from his mouth on to the blankets,[46].—***Taste.*** Sweetish taste on the tongue,[15].—Extreme bitterness in the mouth (immediately), (sixth day),[41].—Sharp irritating taste,[15].—***Speech.*** Loss of speech,[21].—Unable to speak (after about twenty minutes),[46].—[200.] Made an attempt to speak, but was not intelligible,[48].

Throat.—Drink rumbles audibly through the throat and intestines,[6].—He appeared to have considerable uneasiness in the throat, but could swallow (after five minutes),[61].—Heat about the throat (after four hours),[46].—Sore throat, which hindered deglutition; saliva being abundant, and flowing out of the mouth, in the evening,[46].—Scraping in the throat, lasting till noon (first day),[4].—Scraping in the throat, with a peculiar tickling irritation extending from the pharynx low down the air-passages, and causing an inclination to a frequent hacking cough; this condition of the air-passages was

compared to that after taking cold when one is hoarse, or to that which is caused by eating hips of roses when little hairs stick in the throat; in the evening this irritable condition changed to a very decided dryness in the mouth and larynx (second day),[4].—Scraping sensation in the throat, accompanied by some transient stitches and increased secretion of mucus, which compels frequent expectoration of thin saliva (third day),[4a].—Slight scraping in the throat (after one hour, second day),[3].—Scraping in the throat, very slight (first day),[3a].—[210.] Distressing scraping in the throat, like that caused by eating too many walnuts (second day),[3].—***Fauces, Pharynx, and Œsophagus.*** Pain, heat, cramp in the fauces, œsophagus, and stomach,[23].—Scraping in the pharynx (after three drops),[2].—Warmth in the œsophagus,[35].—***Swallowing.*** Unable to swallow (soon),[43].—An attempt was made to make him swallow; but although a movement of deglutition was distinctly noticed once or twice, the fluid remained in great part in his mouth, ebbing and flowing with the respiratory movements,[66].—***External Throat.*** Bloating of the neck,[50].—Considerable swelling of and undulatory motion in the jugular veins; the carotids beat quickly and fully,[44].

Stomach.—Appetite. Increased hunger, with aversion to food (second day),[1a].—Diminished appetite and digestion,[11].—[220.] Loss of appetite,[33 35]; (second day),[1a].—Loss of appetite, for eighteen days,[6].—Appetite for the first hour completely wanting, but afterwards unusually increased,[1]. —Aversion to eating,[9].—***Thirst.*** Thirst (after four hours),[46].—***Eructation and Hiccough.*** Eructations tasting of the drug (second day),[1a].—Evolution of gas from the mouth of the odor and taste of the drug,[12].—Violent hiccough, which lasted almost an hour, did not yield to the usual remedies, such as holding the breath a long time, etc., but disappeared after a cup of black coffee (second day),[1a].—Heartburn and waterbrash, with accumulation of much saliva in the mouth, after eating (second day),[1a].—***Nausea and Vomiting.*** Nausea and vomiting, with relief of the symptoms,[16].—[230.] Vomiting,[19 33]; (sixth day),[41].—Vomited frequently during the day,[46].—Vomiting of black liquid,[12].—Vomited a blackish mucus (the fauces being tickled with a feather),[50].—***Stomach.*** Region of stomach distended,[50].—Warmth in the stomach,[35].—Disturbances of the stomach,[21].—Discomfort, with nausea, after eating (second day),[1a].—Remarkable and unpleasant sensation at the epigastrium, with such weakness in the limbs and loss of power in the muscles that he thought he should have fallen; quite momentary (immediately),[68].—Feeling of a lump in the stomach, gradually changing to a sticking pain, which, after lasting a short time, left behind a sensation of pressure (second day),[1a].—[240.] Slight sensitiveness of the epigastric region,[33].

Abdomen.—Feeling as if the spleen were enlarged (during the first days),[16].—Rumbling in the abdomen,[35]; (third day),[4a].

Stool.—Involuntary excretion of stools (after three hours),[57].—Involuntary discharge of stool and urine,[23].—Discharge of fæces in the bed,[33].—The usual stool did not occur (first day),[2a].

Urinary Organs.—Burning in the urethra, during micturition (third day),[3].—Profuse discharge of watery urine (third day),[3].—The activity of the kidneys seemed increased; the urine had a normal relation to the amount of drink, but was passed at shorter intervals than usual (second day),[4].—[250.] Involuntary excretion of urine (after three hours),[57].—Retention of urine for four days,[12].—Greatly increased secretion of urine and

perspiration from the skin,[11].—Urine saturated; more copious than usual (third day),[4a].

Sexual Organs.—Increased sexual desire,[11].—Emissions of semen,[33].

Respiratory Organs.—Larynx. Scraping in the air-passages, soon,[1].—Feeling as though the larynx were enlarged or swollen (fourth day),[4].—Spasmodic constriction of the larynx,[17]; with hawking (from the fumes),[14].—Rawness and scraping in the larynx,[2a].—[260.] Scraping in the larynx (soon),[1]; (second day),[5].—Scraping in the larynx, together with sticking, leaving a feeling as though the larynx were swollen and too narrow, and as if it pressed against the neighboring parts; swallowing of food and drinks however was not difficult nor painful (second day),[4a].—Scraping sensation in the larynx (first day),[1a].—Scraping irritation in the larynx (after ten minutes),[4a].—Tickling and scraping in the larynx, causing a frequent dry cough (soon), (second day),[1a].—***Voice.*** Voice hoarse but distinct,[57].—***Cough and Expectoration.*** Cough,[15].—Frequent cough, in the evening,[46].—Violent cough (immediately),[26].—Paroxysms of cough with expectoration of black yellowish mucus, with relief of the rattling respiration,[32].—[270.] Greater secretion and expectoration of mucus from the air-passages than usual, in the evening (first day),[1].—Increased secretion of mucus from the larynx, in the afternoon and evening (second day),[5].—***Respiration.*** *Noisy and agitated breathing*,[37].—Wheezing, rattling breathing,[50].—The convulsive respiration at the outset had been soon succeeded by regular breathing, with snorting inspiration, and moaning expiration,[59].—Gurgling noise in the throat,[46].—Moaning noise (after five or ten minutes),[58].—Uttering a low moaning noise,[49].—She made a noise ("Oh! oh! oh!"),[55].—Breathed irregularly (after about twenty minutes),[46].—[280.] Convulsive respiration at times,[67].—Gasping as it were for breath (immediately),[49].—Respiration after awhile occurred only after long pauses,[33].—Respirations very infrequent; after a time slower, only seven in a minute; each breath seemed as if it would be the last; breathing also distinctly stertorous,[66].—Faint, forcible respiration, which was repeated after an interval of five or six seconds,[52].—Breathing for a time, quite imperceptible,[53].—Respirations and pulse were slower than usual (fourth day),[4].—Respiration somewhat slower, with frequent need of taking a deep breath (second day),[4a].—Respiration slow, weak,[13]; (after a quarter of an hour),[43].—Respiration slow, but not labored, though deep drawn (after five minutes); became slower and slower, until intervals of over one minute intervened,[65].—[290.] Respiration slow and labored,[62].—Breathing slow, laborious, and at long intervals,[54].—Respirations became slow, faint, gasping, and finally ceased; with one or two of the respirations there was slight stertor,[63].—Breathed slowly and with difficulty, and the respirations were rather deep (heaving), (after fifteen or twenty minutes),[58].—Breathed slowly and convulsively, something like violent sobbing,[48].—Breathing slowly, with deep, prolonged inspirations, and uttering a moaning sound,[49].—Very slow, excessively deep respirations, whereby the ribs were drawn back to the spine,[31].—Breathing exceedingly slow, laborious, and accompanied by a hissing sound; gradually becoming more laborious (after eight or nine minutes),[51].—Respiration deep and difficult (second day),[1a].—Respiration impeded (after half an hour),[1].—[300.] Respiration anxious,[11].—Breathing labored,[60].—Difficulty of breathing; she gave heavy sighs, with occasional sobs (after five or ten minutes),[58].—Difficult respiration, a feeling as though the lungs could not be expanded as usual (third day),[4].—Very difficult rattling respiration,[12].—Dyspnœa; respiration stertorous, rattling,[32].—Dysp-

nœa, with slight contraction of both sides of the chest (after ten minutes),[4a].—Dyspnœa, with slight pressure in the region of the heart (after one hour, second day),[4].—Increasing dyspnœa,[50].—Attack of suffocation, followed by stupefaction, congestion, and constant pain in the chest,[26].

Chest.—[310.] Tension of the chest, aggravated by inspiration, especially affecting the lower portion of the thorax, in the region of the seventh and eighth ribs, transversely across the chest (soon), (first day),[4a].—Constriction of the chest,[30].—Constriction in the chest, obliging deep inspiration (fourth day),[4].—Constriction of the chest, and sudden difficulty of breathing,[24].—A feeling in the chest as though there were constriction transversely across it, without however amounting to real pain (after two hours),[1].—Violent constriction of the diaphragm, with a sense of suffocation,[47].—Tightness of the chest,[20]; (first and second days),[4].—Tightness of the chest, gradually extending into the right side of the chest and becoming a pain which extends over the whole chest and makes breathing difficult (third day),[4a].—Pressure and tightness in the chest (first day),[1a].—Pressive pain in the chest,[2a].—[320.] Oppression of the chest,[9 20].—Great oppression of the chest and difficult respiration,[16].—Very acute pains in the chest and a feeling of anxiety, which only disappeared several hours after inhaling the fumes,[18].—Stitches in the chest, on deep breathing (first day),[4].—Some transient stitches in the right side, in the region of the fifth and sixth ribs, near the sternum (after half an hour),[2].—***Front.*** Sticking beneath the lower end of the sternum (second day),[5].—***Sides.*** Pain in the left side of the chest, in the region of the heart, with dyspnœa (fourth day),[4].—Pressure in the right side of the chest (second day),[4].—Pressive pain in the right side of the chest between the fifth and sixth ribs, near the sternum, lasting a quarter of an hour,[2a].—Pressive pain, which afterwards became sticking, in both sides of the chest, soon (second day),[1a].—[330.] Sticking pain under the short ribs of the right side,[2a].—Sticking in the left side of the chest, internal to the left nipple (first day),[5].

Heart and Pulse.—Præcordium. Anxiety in the præcordium,[23].—Præcordial anxiety, alternating with slight vertigo, pain in the same locality, not increased by pressure, lasting six hours,[20].—Transient stitches in the region of the heart (second day),[1a].—***Heart's Action.*** Palpitation of the heart (second day),[1a].—Palpitation, with soft, full pulse,[8].—**Heart's action very weak* (after eight or nine minutes),[51].—**Heart's action irregular, pulse hardly to be felt*,[60].—**Irregular beat of the heart*, with slow depressed pulse,[8].—[340.] Beat of the heart and pulse variable, sometimes frequent, sometimes seldom and intermitting, also weak,[33].—***Pulse.*** Pulse rapid and weak,[9 46].—Pulse more rapid but smaller and unequal in force, a weak impulse alternating with a strong one (second day),[4a].—Pulse small, less energetic, and more rapid than usual (fourth day),[4].—Pulse slightly increased in rapidity, smaller and unequal, so that after every six or seven beats there were one or two stronger and longer waves of the artery (soon),[4a].—Pulse very rapid,[66].—Pulse small and quick (after five minutes),[61].—Pulse became quicker and less distinct, and the action of the heart could scarcely be felt whilst lying on his back,[46].—Very frequent pulse,[37].—Pulse 100, very small, feeble, yet regular (after one hour),[59].—[350.] Pulse between 70 and 80 (after fifteen or twenty minutes),[58].—Pulse rose from 58 to 78, and had not regained its usual rate for an hour and a half,[42].—Pulse previous to the experiment 57; 77 (after ten minutes); 57 (after one hour),[20].—Slow pulse (after a quarter of an hour),[48].—Pulse weak and slow,[6].—Pulse slow and scarcely perceptible (after eight or nine minutes),[51].—Pulse slower than usual (second day),[1a].—

Pulse slightly slower than usual (third day),[3].—Pulse a trifle slower than usual (60 instead of 65), in the evening (second day),[4].—Pulse always became slower, with confusion of the head (55 to 58 instead of 65, as usual), (second day),[4].—[360.] Pulse 50 (after five minutes); becoming slower and less strong to the moment of his death,[65].—Pulse 5 or 6 beats less than usual (second day),[5].—Pulse falls from 116 to 80,[24].—The pulse was neither rapid nor slow, but the tone of the different beats was irregular, for about ten minutes (after 3 drops),[2].—Beats of the pulse unequal in strength,[2a].—Pulse irritable, small, and of unequal force (third day),[4a].—Pulse small,[57].—Pulse small, and scarcely perceptible,[12].—Small pulse, scarcely perceptible at the left wrist,[50].—Pulse was scarcely perceptible (after a quarter of an hour),[43].—[370.] Pulse almost imperceptible,[36].—Pulse not perceptible, while the action of the heart was but feebly to be felt,[54].—No pulse could be felt,[63].—No radial pulse on either side,[44].—Pulse at the wrist could not be felt, although the heart still continued to beat with a feeble, fluttering effort (after a few minutes),[49].—I could not distinguish any pulsation at the wrist, and the heart's action was scarcely audible when my ear was placed close to his chest, nor could its impulse be felt,[62].

Neck and Back.—Veins of the neck and face were strongly congested,[65].—Cramp in the back,[12].—Sudden pain in the region of the right kidney, extending thence to the epigastric region, and then spreading over the whole abdomen, causing at the same time a feeling of increased warmth of the abdomen (third day),[4a].

Extremities in General.—Extremities seemed bloodless,[44].—[380.] Limbs quite flaccid (after a quarter of an hour),[43].—The limbs were completely lax and fell lifeless when lifted,[44].—Trembling of the limbs,[19].—Trembling and uselessness of the limbs,[8].—Legs, arms, and chest were slightly convulsed, the upper extremities more than the lower,[48].—Some contractions of the extremities, but no tetanus,[60].—After he had become insensible and while lying on the table, his thighs were drawn up on the abdomen, and rigid; the upper extremities were also observed to be rigid; and on drawing them from the side, they forcibly reverted to their former position; eyes shut; teeth clenched, and the muscles of the face violently convulsed (sixth day),[41].—Movements difficult, as if from loss of power of the limbs,[35].—Such weakness in the limbs and loss of power in the muscles that he thought he should have fallen, quite momentary (immediately),[68].—Paralysis of the hands and feet (after three hours),[57].—[390.] Limbs paralyzed and lay in whatever position they were placed; and they were free from all rigidity,[66].—Extremities, although immovable and cold, had not however lost their sensibility,[57].

Superior Extremities.—Arms bent and the hands clenched (after eight or nine minutes),[51].—The forearms became stiff and inflected on the arms,[46].—Trembling of the right hand,[33].—Hands partially contracted, fingers rigid, and about the nails of a dark-lead color,[48].

Inferior Extremities.—As soon as the legs were placed in a depending position they became very dark in color, from the bloodvessels being so congested, but immediately the legs were placed on the sofa after death, the appearance was lost,[18].—Legs straight and stiff (after eight or nine minutes),[51].—Unusual stiffness of the legs,[35].

General Symptoms.—Objective. Increased secretions from the skin, glands, especially the salivary glands, kidneys, and serous membrane,[11].—[400.] Muscular system in a state of rigidity (after eight or

nine minutes),[51].—Slight jerkings,[8].—Spasms,[37].—Spasm commencing in the toes, followed by distortion of the eyes, towards the right and upward, afterwards general spasm, distortion of the limbs, frightful distortion of the face, etc.,[33].—Trunk spasmodically bent forward,[50].—A violent spasm, during which the body became rigid, the arms were twisted around, and more particularly the region of the stomach became distended (after one hour),[50].—The body under such strong spasmodic action that the head seemed buried between the shoulders, and the arms nearly turned around by the action of the pronator muscles,[54].—Convulsions,[12 21].—General convulsions (immediately),[40].—Convulsions, with loss of consciousness,[35].—[**410.**] Violently convulsed; the muscles of her face undergoing great distortion, her limbs becoming spasmodically extended, and her head drawn down on her shoulders,[49].—Convulsions became stronger; he drew himself up in his seat, supported behind by the right arm, contracted the inferior extremities, and with a fierce look and fixed eye, uttered three hideous groans, then twisted the body towards the left side, with the face to the floor (after three hours and a half),[46].—Tetanus,[21].—Violent tetanic convulsions, lasting several hours (after one hour),[32].—At first convulsions, afterwards paralysis,[21].—Body excessively relaxed, and without any convulsive movement (after one hour),[59].—Muscles relaxed and flaccid, with the exception of the muscles of the jaw, the jaw being firmly closed (after five minutes),[65].—The patient rose up slowly and unsteadily,[33].—Aversion to mental or physical exertion,[9].—All motion, especially walking, was difficult and caused perspiration (second day),[1a].—[**420.**] It was with difficulty that he could move his body (after one hour); this latter sensation, with prostration and aversion to every work, mental as well as physical, lasted the whole day (after one hour),[1].—Standing upon the feet was exceedingly difficult (after a few minutes),[3].—Lassitude and weariness, in the evening (third day),[3a].—Very unusual weariness, with inclination to sleep (after one hour and a half),[4].—**Loss of power*,[9].—Was not strong and did not feel as well as usual; was irritable and little inclined for continued mental labor, for a few days after the proving,[5].—Weakness, not subsiding for several days,[38].—Weakness of the whole body, and especially of the lower extremities, in the evening (first day),[1].—Weakness and exhaustion, in the evening (first day),[1a].—**General weakness*,[35].—[**430.**] Great weakness and lassitude; it was impossible to work, in the afternoon (third day),[3].—Unusual weakness, especially of the feet, in the afternoon (second day),[4a].—Extremely weak and weary,[6].—Nervous weakness,[9].—Exhaustion of the whole body (second day),[1a].—Exhaustion, was obliged to keep his bed for eight days,[16].—**Great exhaustion*,[30].—Much prostrated (after five minutes),[61].—Faintness, could scarcely move,[20].—Faintness, with perspiration,[35].—[**440.**] Paralysis,[21].—Fell suddenly as if struck by lightning,[50].—He staggered and fell,[56].—Threw her hands over her head and fell to the ground, almost immediately,[53].—Instantly jumped up, ran for a short distance, holding up her arms, and gasping as it were for breath, she then fell,[49].—Told his wife he had taken Prussic acid, immediately fell down senseless on a sofa, without either cry or convulsions, but drawing his breath deeply, forcibly, and slowly,[59].—He suddenly fell to the ground without a cry, and after five minutes the body was stretched out lifeless without trace of the pulse or respiration, extremities icy cold, all the muscles paralyzed, but the eyes glistening and full of life,[25].—He walked to the outer door of the house, about twelve or fourteen paces, when he fell insensible, and remained insensible for nearly four hours,[47].—She started up, throwing her hands over her head, at the

same time making a kind of gasping sound (as if she had a difficulty of getting her breath), stood for a second, and then running forward for a short distance with great violence, fell with her head first to the ground, after which she never moved, but continued to make a moaning noise for five minutes afterwards (immediately),[54].—Insensibility,[11 67]; (immediately),[49].—[450.] Insensible and cold, but recovered in eight or ten hours (after one hour),[38].—Insensible, pale, and cold,[52].—Insensible, with her head leaning on a table, her right hand hanging down, and her left hand in her lap (after five or ten minutes),[58].—Quite insensible,[66]; almost immediately,[43]; (after two minutes),[51].—Perfectly insensible,[54].—Insensibility complete, from the first,[59].—Loss of sense and motion, and appeared to those around her to be expiring (soon),[38].—Death before twelve hours,[57].—He died in about ten minutes, without any screaming and very tranquilly,[56].—Very restless,[33].—[460.] Extreme agitation, with trembling of the whole body,[35].—She began to throw herself about in a violent manner,[55].—***Subjective.*** Increased activity of the senses,[11].—Dulness of the senses,[10].—It greatly depresses the senses and irritable organs,[15].—A peculiar sensation as of an impediment to the touch, for three days,[29].—Feeling of quiet and internal comfort,[11].—Feeling of weakness and exhaustion,[11].—Feeling of great weakness,[27].—General discomfort (third day),[44].—[470.] Ill and weak for a few days,[43].

Skin.—Objective. Great paleness of the whole surface, which was also extremely cold to touch,[62].—Rubescence appeared on the arms in twenty minutes, and on the legs in forty,[46].—The integuments about the neck and breast became livid and of a yellowish tinge,[46].—***Subjective.*** Formication, especially at the epigastric region,[35].—Prickling in various parts of the body,[35].—Formication of the limbs,[35].—Some creeping in the skin of the thighs (fourth day),[3a].—Itching on the neck and arms,[35].

Sleep.—Yawning,[9].—[480.] Could not resist frequent yawning, with overpowering desire to sleep; and contrary to his habit he slept soundly for some hours; on waking from this sleep he was very much confused in his head, and it was scarcely possible to keep awake (third day),[3].—Sleepiness (from the smallest dose),[10]; (third day),[4]; towards noon (third day),[4a].—Overpowering sleepiness,[9].—Slumber,[11].—Sleep prolonged and deep,[35].—Sleeplessness,[35].

Fever.—Chilliness. Coldness of the skin (after fifteen or twenty minutes),[58].—Skin cold and clammy,[67].—Chilliness,[19]; (after a quarter of an hour),[46].—Very chilly, is very cold to the touch,[6].—[490.] Frequent creeping chills from time to time, in the afternoon (second day),[5].—Violent chill alternating with heat, with stupefaction and vertigo (after a quarter of an hour); the sensation of heat lasted about twelve hours,[16].—Febrile chill over the whole body followed by general warmth,[35].—Feeling of coldness,[35].—Frequent attacks of coldness, shivering (third day),[4a].—Slight shivering, as from febrile paroxysms, coming on in the afternoon while riding in a wagon over a rough road (third day),[5].—Shuddering like electric shocks,[35].—Rigors which disappeared after swallowing coffee and brandy (after four hours),[46].—*Cold extremities*,[12 32 34 36], etc.—***Heat.*** Inclination to heat and sweat (second day),[1a].—[500.] Warmth, especially of the feet,[35].—***Sweat.*** Increased perspiration,[35].—*Body covered with sweat*,[37].—Body covered with clammy sweat,[34].—Cold clammy sweat over the surface (after a quarter of an hour),[43].—The perspiration caused by the acid was momentary, not lasting over five minutes,[35].—Skin dry,[6].—Face covered with cold perspiration,[46].

Conditions.—**Aggravation.**—(*Afternoon*), Chills.—(*Evening*), Pres-

sure, etc., in head; cough; mucus from air-passages; weakness.—(*Night*), Headache.—(*After eating*), Heartburn.

Amelioration.—(*Open air*), Pressure, etc., in the head.—(*Coffee*), Hiccough.—(*After eating*), General relief.

HYDROPHOBINUM.

The virus from the mad dog.

Preparation, Trituration with sugar of milk.

Authorities. (1 to 7, provings by J. R. Coxe, Jr., M.D.; Phil. J. of Hom., 3, p. 262): **1**, J. R. C., Jr., took 3d dil. three times a day for four days; **1***a*, proving with 6th dil.; **1***b*, proving with 30th dil.; **1***c*, proving with 3d dec. dil.; **2**, Daniel Coxe, aged 17, took 3d dil. in same manner; **2***a*, same took 6th dil.; **3**, Charles Coxe, aged 7, took 6th dil.; **4**, N. E. W., aged 18, took 3d dil.; **4***a*, same took 6th dil.; **5**, same took 30th dil.; **6**, A. R. S., aged 18, took 3d dil.; **6***a*, same took 6th dil.; **7**, Miss A. S., aged 30, took 3d dil.; **7***a*, same took 6th dil.; **7***b*, same took 30th dil.; **7***c*, same took 3d dec. dil.; (8 to 18, and a few authorities given after the symptoms, from same reference, no details furnished): **8**, Hering; **9**, "B.," Bute; **10**, N., Neidhard; **11**, "V.;" **12**, "Schm.;" **13**, "W.;" **14**, "My.;" **15**, "E.;" **16**, "Br.;" **17**, "C.;" **18**, Pherson.

Mind.—Emotional. Strange notions and apprehensions during pregnancy,[8].—Exaltation; thinks he has something of importance,[8].—Singing, in walking through the whole house, entire day,[11].—Sang more than usual, but did not feel at all merry; singing involuntary,[7].—Happy disposition, after perspiring in the evening,[11].—Exhilarated, felt as if he had received joyful intelligence, all day,[1].—During the first two or three days, temper more equable than usual,[7].—Felt unusually serious,[7].—Had a good cry before going to bed; felt very sad (third day),[7].—[**10.**] Bitterly crying, with headache,[11].—Anxiety of mind, restlessness, with great prostration;[11] with pain in the heart;[11] with the headache,[13].—Feeling as if I had heard, or was about to hear something bad; morose and crabbed feelings until 4 P.M (fourth day),[1a].—Mind much depressed; felt as if something disagreeable was about to happen (third day),[3].—Feeling as if something annoying was about to happen; goes off when thinking of it,[1].—He cannot prevent ideas of something awful about to happen, or as if he would do something awful,[8].—An indescribable idea, which I could not shake off, of something dreadful about to happen to me; all day feeling as if some great misfortune were about to occur,[1c].—Irritability,[9].—Irritable, with headache,[11].—Feel irritable; spoke short to the children (ninth day),[7].—[**20.**] Very irritable at trifles,[7b].—Am extremely irritable, or rather feel stern (sixth day),[7b].—Disposed to get mad,[10].—Impatient all day,[7a].—Impatient all day, with headache,[11].—Cross and hypochondriac in the evening,[12].—Felt very cross; did not want to converse or see any one,[1c].—Very cross and crabbed until 10.30 P.M., when I fell asleep,[1c].—Very cross, so much so that my children expressed great surprise; took offence at the merest trifles; scolded my wife and children; could not concentrate my mind on anything,[1c].—The last day or two feel more morose; caught myself saying to nephew, in severe tone, "If you do that again," etc., when he was not really in fault,[1].—[**30.**] Offended at everything; gives offensive answers,[9].—Inclined to use offensive expressions,[8].—Thought came into his mind to attack others in a

mean way; to cut others with a knife he holds; to throw water he has in a tumbler into another's face,[8].—Occasionally exhilarated, then again morose, both feelings going off very readily on conversing,[1].—***Intellectual.*** There seems to be two distinct trains of thought operating at one and the same time,[7b].—Plays chess much better, but cannot relate a story,[8].—Undecided about little things,[8].—Have found it difficult through the whole proving to think intently, and at times almost impossible (seventh day),[7]. —Restlessness in the mind during the forenoon and at noon,[12].—A strange oppression and indifference, as if he was unable to do anything if he forces himself; there is no power in the mind,[8].—[**40.**] Dulness and stupidity (second day); at night with restlessness,[15].—Memory for words much better,[10].—He loses consciousness for a moment,[8].

Head.—Vertigo. Vertigo while sitting, and after rising or walking he staggers,[9].—Slight vertigo when rising from a chair (sixth day),[2].—Dizzy, as if he could not hold the head,[8].—After stooping dizzy, and losing sight,[9].—Dizzy headache (eleventh day),[7].—Dizzy headache all day, spirits not depressed (third day),[7b].—A dizzy dulness in the vertex, he fears he will fall while walking, in the evening,[8].—[**50.**] Slight dizziness and nausea (sixth day),[7].—While stooping, giddiness on the right,[11].—After lying down in bed, a giddy-like shock in the upper part of brain,[8].—***General Head.*** *Rush of blood to the head* while lying down,[8].—Lightness in head,[12].—Lightness (of head) after nausea,[11].—Dulness (of head),[11].—Have had all day a singular sensation in head (third day),[7].—Feels as if a leaden ball was rolling about in the brain,[5].—Pain in the head (fifth day),[7].—[**60.**] Slight pain in head and heart (fourth day),[4a].—Pain from mouth up through head, and down to back of neck, quite severe,[7b].—Pain in head, which was very severe till 9 P.M. (fourth day),[2a].—Intense pain in head, extending back of forehead to organ of firmness, at 2 P.M.; soon after to whole top of head, or to eyes, lasting all day (second day),[7].—Burning waving towards the head,[11]. —After moving, turning, stooping, feels as if head would burst,[11].—Head feels as if it would split, and a great pressure on top,[5].—Dull, heavy pain in the head,[2].—Headache all day (fourth day),[1a]; (sixth day),[7].—Some headache and pain in eyes (sixth day),[7].—[**70.**] Walked out and had headache, or after walking five minutes felt sharp pain across the eyebrows or up the nose; felt exceedingly fatigued and weary after a short walk (fourth day),[7a].—Headache in the bones,[9].—Towards noon slight headache,[5].—At noon slight headache, lasting all day,[1a].—Headache severe,[7b]; (fifth day),[7a]. —No pains till 3 P.M., when head ached severely until 9 P.M.,[5].—Headache quite severe all day, and implicating eyes; feel lazy, requires an effort to think (fourth day),[7].—Headache quite severe,[5].—At 3 P.M. headache very severe,[5].—A severe, impatient headache through the whole morning,[7b].— [**80.**] A very intolerable, snappish, irritable headache for three days, with the jaws stiff and sore, the hands numb (after nearly a month),[7b].—Headache alternately with flushes in face,[11].—Afternoon pain in head, sick headache,[7b].—Considerable pressing pain in head (seventh day),[7].—Tearing and shooting-like in the bone (of the head),[9].—Irritable headache; touching the head makes it ache (sixth day),[7a].—Throbbing headache in forehead, vertex, and occiput, down to the neck,[9].—Throbbing, pulsating headache, most severe in right temple and over right eye,[1c].—Headache all day, most severe in right temple, beating, throbbing, and pulsating,[1c].—A slow vascillation or waving of the head from losing something in the upper part of the head,[8].—[**90.**] Dulness in the middle of the brain where it waves and moves,[8].—Shocks (in head) like dizziness,[11].—Headache relieved by cold

air,[7b].—***Forehead.*** Dulness in the forehead, more to the right side,[8].—Pain in forehead, in the protuberances, soon,[10].—Pain in head, greatest one and a half inches above left eye,[7b].—Great pain in head, from temple to temple, all day,[4a].—Slight burning pain in forehead,[7a].—Dull pain in forehead, especially on the left side, with a stupid feeling,[10].—Dull, heavy pain in forehead, and sharp, pricking pain in left temple, sometimes attended with throbbing and pinching,[2].—[**100.**] Severe, heavy, dull pain in forehead, lasting five hours,[2].—During the afternoon and evening, headache over the eyes,[9].—Head aches severely from temple to temple (fifth day),[5].—Pressive pain in forehead,[12 9 11]; with sensation of heat,[11].—Pressive pain in forehead and vertex, worse after moving the head and stooping,[9 12].—Pressing pain on top of forehead, while reading and thinking, in the afternoon, with restlessness of mind,[12].—Violent pressing outwards in forehead; the patient put the head towards the wall,[16].—At 9 P.M., severe shooting pains in the head over the eyes, and in the temples, also a very violent, aching pain inside of and all over the chest (second day),[2a].—Severe headache from temple to temple, of a throbbing, beating nature (fifth day),[4].—***Temples.*** Pain in the temples from the jaws,[11].—[**110.**] During the day, headache very intense at times in right temple,[7b].—At 9 A.M., most severe headache in both temples and over eyes unbearable, causing him to cry bitterly, and refuse to take another dose,[3].—Boring in temples every second day, in the left, morning (fourth day),[12].—Boring in the right temple every second day; in the left in the morning (fourth day),[12].—***Vertex.*** Could detect no symptoms, save a slight headache on top (eighth day),[7a].—Much pressing on top of head; feels as if a form, fitting top of head, was pressing on it (fifth day),[7].—*Pressing pain on top* (of head) and forehead, while reading and thinking, in the afternoon, with restlessness of mind,[12].—Painful pressure on top, by moving the head, with fever and prostration,[12].—Pressing heaviness on top and to the right (of head),[9].—Pressing shutting on top of head,[8].—[**120.**] Beating, pressing on top; painful pressure on top (of head) on moving the head, with fever and prostration,[12].—Strange pulsation on top of head,[11].—***Parietals.*** Numbness in left side of head,[11].—Right side of head feels stiff, as if it would become numb (third day),[7].—*Pressure in left side* of head, with boring and shooting inwards, extends to forehead and eyes, in the evening,[12].—Tearing from forehead towards left side,[9].—Left side of head is now, and has always been, most severely affected (sixth day),[7].—***Occiput.*** Dulness in occiput, after awhile becoming painful,[8].—Slight pain in head, back part (seventh day),[7].—Pressing on occiput, upper side,[9].—***External Head.*** [**130.**] My hair, which is usually dry, has become very oily to-day, the first time I remember such an occurrence (third day),[2].—Skin of head seems contracted and pinched up (fifth day),[7a].—Scalp very sensitive,[2a].—Whenever I put my finger on my head, there is always a strong subsequent pain, lasting a considerable time,[7b].—Itching in "acquisitiveness" in the morning (fifth day),[7].—On right side of vertex something comes from within and itches,[8].

Eye.—Objective. Eyes somewhat red and inflamed (the cornea),[1c].—No pain, but eyes still slightly red, and occasional stitches in right temple,[3].—Eyes bloodshot and painful (fourth day),[3].—Inflammation in eyes during the day (tenth day),[7].—[**140.**] Inflammation of one eye; frothy matter pours out between the lids; pimples around the eye since the bite of a dog in the finger,[16].—***Subjective.*** Weakness of eyes when looking upwards,[9].—Great weakness in eyes, but no pain,[5].—Some pain in eyes (eighth day),[7].—Burning in eyes,[9].—Headache not severe; pain extends into right eye

(fourth day);[2].—Eyes ached intensely,[7b].—Soreness in eyes (fourth day),[4].—Soreness in eyes, and pain in forehead above them (second day),[4].—Soreness in eyes and throat, and difficulty in swallowing (fourth day),[4].—[150.] Drawing, beating pain over the eyes and into the balls,[10].—A curious stinging pain in left eye, extending to forehead, over right eye painful, at 9 A.M. (third day),[2].—Tickling and heat in eyes,[11]; from the neck,[11].—***Brow.*** Pain over the left eye previous to retiring (fourth day),[7a].—Pain in small spot over right eyebrow, rendered worse by writing,[7b].—Pain over right eye inwards, pressing the temple,[9].—Sharp pain across eyebrows, afterwards burning in the eyelids (fifth day),[7a].—Drawing-beating pain over the eyes and into the balls,[10].—***Lids.*** Eyelids as if they were lame, or were firmly closed, in the morning,[9].—Burning in the lids,[11].—[160.] Burning in eyeballs,[10].—***Vision.*** Left eye extremely sensitive to light, and weeps; unusual with me, my eyes being very strong,[7b].—Dimness of sight, with giddiness,[9].—Something moves before the eyes, but always at a distance from the place she looks at,[9].

Ear.—Rush of blood to right ear, after it a pressure, as if from a dull point,[8].—Ears feel very stiff,[7a].—Buzzing in right ear,[12].—Rushing noise, like water falling, in left ear,[9].

Nose.—Objective. Frequent sneezing, ceases after his attention is called to it,[14].—Often coagulated blood in the nose,[9].—***Subjective.*** [170.] Pain in nose (second day),[7a].—Pain in the nose and right neck and side; feel very stiff, most about the jaws (fifth day),[7].—Nose pains from thinking,[11].—Headache extends into the nose,[11].—Sharp pain runs up the nose,[11].—Nose feels bruised (fifth day),[7a].—Tickling in nose,[11].—Itching in nose (all day),[7].—***Smell.*** My sense of smell, which is always extremely acute, became painfully so, particularly in reference to unpleasant effluvia; the action of the nostrils was extremely painful,[7b].—The greatest sensibility to the smell of tobacco; tastes the snuff, while the box is one foot distant,[7c].

Face.—Objective. [180.] Paleness and qualmishness,[8].—Quivering in the face,[11].—Slight twitchings in face and hands,[7b].—Face pale yellow, nearly brown,[8].—***Subjective.*** Heat in the face after drinking coffee,[9].—Heat in face, with redness,[9].—Heat in face, and soreness of left cheek, from thinking,[11].—It draws about in right side of face,[9].—***Cheeks.*** Quick drawing from the right malar bone towards nose,[12].—Feeling as if bitten in the face, left side of mouth,[7].—[190.] Something seems gnawing right cheek-bone (fifth day),[7].—Rending pain in right upper jaw towards the ear; jaws ache with the headache,[11].—Shooting pains in upper jaw,[7a].—***Chin.*** Biting-snapping, with convulsions,[11].—Several severe twitches in jaws,[7b].—Jaws feel stiff, and a disposition to gape,[7b].—Jaws stiff and sore, with headache (after nearly a month),[7b].—Both jaws feel stiff; tingling in cheek-bones (third day),[7].—Jaw quite stiff at times, more painfully so than before (tenth day),[7].—Jawache nearly all day, and pressure on top of head most severe,[7a].—[200.] While reading, jaws began to ache; the longer I read, the more they ached; gaped frequently (seventh day),[7].—It seems to make the jaws ache to write (second day),[7a].—Jaws ache severely (second day),[7a].—Jaws feel sore and stiff; have a great disposition to press the hand against the lower jaw,[7].—Jawbone feels quite sore,[7b].

Mouth.—Teeth. Teeth feel on edge (second day),[7a].—Pain in roots of back teeth,[9].—All the teeth ache,[9].—Headache and earache extend into the teeth,[11].—Teeth very sensitive; pulsation in teeth of upper jaw,[7b].—[210.] Toothache during pregnancy,[8].—***Gums.*** Gums painful,[9].—***Tongue.*** Pain in the root of the tongue and left side of throat (second day),[7a].—***Gen-***

eral Mouth. Feeling of coldness (in mouth), like essence of peppermint,[14].—Felt as if the velum pendulum palati was elongated; examining, found it not so, but was slightly inflamed (fifth day),[1].—Have had quite a sore mouth, feels as if there were lumps in it,[7b].—Have had, for a week previous to taking medicine, a dry, parched mouth, with great thirst; now, mouth full of saliva, and total disinclination to drink (third day),[7].—***Saliva.*** Increase of saliva, not more viscid than usual (third day),[1a].—Towards noon, slight increase of saliva,[5].—Much saliva,[6a].—[220.] Much saliva, not thicker than ordinary (sixth day),[7].—Great flow of saliva and difficulty in swallowing liquids (second day),[4a].—Saliva more plentiful, but thin, and of a yellow color (fifth day),[2].—Much viscid saliva (second day),[2 1c].—A large quantity of viscid saliva in mouth, causing me to spit an unusual quantity (third day),[2].—A very large amount of viscid saliva, and an increase of oil in the hair (fourth day),[2].—Saliva more viscid, constant spitting, feeling of general malaise all over, without pain, or knowing where to locate it (fourth day),[1].—Saliva very viscid, not more copious than usual,[3].—Saliva very viscid and plentiful, sore throat all day (third day),[2].—A great flow of spittle (third day),[4].—[230.] A great flow of mucous spittle (second day),[4].—Much tenacious mucus in mouth and throat,[1b].—***Taste.*** All through this proving, could not get my food to taste of salt, though I used more than usual,[7b].

Throat.—Objective. Inflammation of the throat (Braung).—Slight inflammation of throat and fauces as far as I could see (third day),[1a].—Throat much inflamed, some difficulty in swallowing,[1c].—Much mucus in throat and nose (fourth day),[7a].—During the day, bile rises in the throat; an unusual quantity of tough saliva in mouth and throat,[7].—A terrible pain in throat all day, and great pain in swallowing,[5].—Great heat in the throat and around the heart (second day),[1a].—[240.] Throat feels as though I had swallowed a small quantity of red pepper (fourth day),[1].—At 3 P.M., felt a strange constrictive sensation in back part of throat never experienced before; at 4 P.M., worse, could not swallow without great pain; went off at 6 P.M.; returned in an hour, lasting till 10 P.M.,[2].—Violent spasms of throat at 2 P.M., feeling as if I was about to be suffocated; went off at 9 P.M.,[1c].—Sore throat,[3 4a].—Sore throat all day (fourth day),[1a 3].—Throat feels sore and as if swelled,[6a].—Sore throat, increased saliva, no inflammation, as far as I could see, though it felt as if inflamed, and hotter than usual (seventh day),[1a].—Sore throat, constant desire to swallow,[6a].—Very slight sore throat, constant desire to swallow (second day),[1].—Sore throat increased, slight difficulty in swallowing liquids, much saliva, rather more viscid than usual (third day),[1].—[250.] Sore throat, not able to swallow without great pain (fifth day),[5].—Sore throat and headache all day,[1b].—Slight sore throat, difficulty in swallowing liquids; this time a real difficulty; epiglottis appeared partially paralyzed (this symptom continued three days in several persons, going off by degrees); no difficulty in swallowing solids,[1a].—Slight sore throat,[1b 7].—Throat quite sore, headache in both temples, numbness in both arms, slight pain in lumbar region all day,[1b].—Quite a sore throat, constrictive sensation much worse when attempting to swallow liquids, which I could not do without pain; solids not painful,[2].—Violent sore throat, quite inflamed, could not swallow, liquids ran through the nose,[1c].—Very violent sore throat; soreness over whole body, as if beaten,[6a].—Soreness in throat from 11 A.M. till noon,[3].—Soreness and suffocation in back of throat at 10 A.M.,[4].—[260.] Throat feels raw and as if about to become very sore (fifth day),[7].—Burning

down in the œsophagus,[8].—A desire to swallow, and spittle more copious and viscid than usual,[1].—Constant desire to swallow (third day),[1a]; (sixth day),[7].—Constant effort to swallow, or dislodge mucus, which seems glued between nose and throat (eighth day),[7].—Feeling of suffocation has left the throat, but still I have difficulty in swallowing, also soreness in the eyes, but not the pain above them (third day),[4].—Slight difficulty in swallowing,[1a].—Great difficulty in swallowing; sore throat (second day),[2a].—Just before taking first morning dose, felt as if I was unable to swallow; tried a mouthful of cold water, swallowed it readily, but with a kind of aching in throat, followed by a slight burning; this burning lasted all day (fourth day),[1].—Feel as if I was going to have the mumps (second day),[7a].—[270.] Rending and tearing pain in right jugular bone,[9].—Gnawing in right jugular bone,[7].

Stomach.—Appetite. Better appetite than usual,[7a].—Appetite to-day and yesterday perfectly ravenous,[7b].—Likes cold apple-butter,[8].—Little appetite in the morning,[8].—Aversion and disgust to everything fat, particularly mutton,[8].—***Thirst.*** Not thirsty these two weeks,[7a].—***Nausea and Vomiting.*** Nausea, with pale face, after diarrhœa,[11].—Sickness of the stomach after eating eggs or fat meat; nausea, with giddiness and headache,[11].—[280.] Vomiting of the supper at night,[11].—***Stomach.*** Noise in the stomach like bubbles of water; pressure like something pointing,[8].—Pressing inwards in pit of stomach after eating,[9].

Abdomen.—Hypochondria. Pressing pain in hypochondriac regions after quick walking,[12].—Painful throbbing, like an abscess, in the hypochondriac regions,[9].—Gnawing pressure in the left hypochondriac region,[8].—Tearing from left (hypochondriac region) to right,[9].—Pain in region of liver and right kidney,[7c].—***General Abdomen.*** Difficult and impeded passage of wind,[8 11].—Burning waving and rolling (in abdomen),[8].—[290.] Feeling of coldness and burning in abdomen,[9].—Violent bellyache,[17].—Pressive drawing and wrenching sensations (in abdomen),[9].—Shooting in abdomen,[9 11 17].—Shooting in right side of abdomen,[9].—***Iliac Region.*** Glands in groins swelled *very much* and pained greatly for two hours (sixth day); not much abated (seventh day),[2].—Pain in both groins; the right groin has two little balls swelled up under the skin, quite painful (fifth day),[4].—Much pain in right groin and slight swelling there at 2 P.M. (fifth day),[7a].—Dull pressure above the right groin, on a small, distinct point,[12].—A dragging pain in both groins,[2].

Rectum and Anus.—[300.] Piles protrude,[11].—Blood from anus during menstruation,[11].—Bright-red blood from anus, with a horrible burning and stinging, like thorns,[8].—Sphincter (ani) closes violently,[11].—Pulsation outside of anus,[11].

Stool.—Diarrhœa,[9 18].—Diarrhœa, without pain, in the morning,[8]; with pain in the morning,[7c].—Softer stool than usual,[8 9].

Urinary Organs.—Bladder. Cold and burning feeling in bladder; pain in sphincter,[8].—***Urethra.*** After urinating, flow of prostatic juice,[8].—[310.] Burning and tenesmus in region of prostate and down urethra,[10].—Tickling burning in urethra after urination,[12].—***Micturition.*** Urging to urinate,[8].—Very frequent urination; very copious watery urine,[10].—***Urine.*** More urine and brighter colored,[8].—Urine brown, turbid, with reddish or whitish sediment,[8].

Sexual Organs.—Male. Great weakness of the male parts; they feel empty, as if gone; bearing down in urethra,[8].—Tickling and burning on corona glandis, with some greenish pus,[10].—Aching in testicles,[8].—Lascivious

ideas and erection, afternoon,[8].—[320.] Indifference during erection, and even during coition,[8].—Nightly emission in sleep, with dreams,[10].—No sperm during coition; the sperm passed off in sleep,[8].—***Female.*** During the day, great pain, extending from uterus into breast and right side of abdomen (seventh day),[7].—Bearing down in uterine region,[9].—Sharp pains in uterus, shooting down to labia,[7c].—Slimy leucorrhœa during the proving,[7c].—Menstruation after fifty days, with headache,[7c].—Menstruation after two weeks, with hæmorrhoids, pulsation in anus, and weakness of back,[9].—Taken three days after menstruation is over, it reappears in two cases,[9].

Respiratory Organs.—[330.] Sighing,[11].—Sighing, with oppression of breathing,[11].—Sighing, with pain in heart,[11].

Chest.—Rush of blood from the chest upwards, with toothache during pregnancy,[8].—Pain from within outwards, in right side,[11].—Pain in left side,[7a].—Dull pricking pain in left side from head to waist,[9].

Heart.—Slight pain in heart and head (fourth day),[4a].

Back.—Pain in back and both groins,[5].—Aching in loins into back,[11].—[340.] Aching from loins down to feet,[7a].—Drawing downwards (in loins),[8].

Extremities in General.—Severe pain in all the joints,[5].

Superior Extremities.—Numbness in both arms,[1].—Hands numb, with the headache (after nearly a month),[7b].

Inferior Extremities.—Heavy bruised feeling in both thighs,[2].—Legs felt heavy and throat sore,[5].

General Symptoms.—Chlorosis (Barr, Gross).—Great weakness and prostration,[8].—Nervous and irritable (seventh day),[7a].—[350.] Felt very nervous and much excited (third day),[7b].—Feel lazy, requires an effort to think (fourth day),[7].—General malaise all over, without pain, or knowing where to locate it (fourth day),[1].—Feel very bad to-day, severe pain in eyes, and in all my joints,[5].

Skin.—Pimples on left forehead, afterwards on the right,[12].—Slow-maturing, bluish pimples on face,[8].—Trickling in the left cheek, at 6 A.M.,[7].—Itching in root of penis,[8].

Sleep and Dreams.—Excited, cannot sleep,[11].—Admires his own skill in talking fluently Latin in a dream,[8].—[360.] Subordination, like a servant in a dream,[14].

Fever.—Flushes (in the face) and headache alternately,[9].—Face sweats, with flushes,[11].

Conditions.—**Aggravation.**—(*Morning*), Eyelids as if lame; little appetite.—(*Afternoon*), While reading and thinking, *pain on top of head.*—(*Evening*), At 9 o'clock, pains over eyes, etc.—(*After coffee*), Heat in face.—(*When looking upward*), Weakness of eyes.—(*Moving*), Bursting feeling in head.—(*Stooping*), Vertigo; bursting feeling in head.—(*Writing*) Pain over eye.

Amelioration.—(*Cold air*), Headache.—(*After meals*), Feels better.

HYDROPHYLLUM.

Hydrophyllum Virginicum.

Natural order, Borraginaceæ.

Preparation, Tincture of the plant when in flower.

Authority. Dr. P. B. Hoyt, Am. Hom., Obs. XI, p. 101, effects of gathering a handful of the flowers (the same happened four years later, with addition of headache, and afterward again).

Dull headache.—Eyes began to water and burn, with slight itching (after fifteen or twenty minutes); this continued until I reached my boarding-house. I was suffering quite severely; my sister at once asked what was the matter with my eyes, and going to the glass, my eyelids were swollen and the sclerotica much injected, presenting fiery redness; there was some sensitiveness to light. These symptoms continued through the afternoon and evening, and kept me awake for some time; in the morning my eyelids were agglutinated, and on opening my eyes they were quite sensitive to the light; the burning and smarting were less, still my eyes discharged water more or less for two or three days; the symptoms gradually subsided, and in a week I was well again.

HYOSCYAMINUM.

An alkaloid from Hyoscyamus niger.

Formula uncertain, $C_{15}H_{17}NO$, Kletzinsky; $C_{20}H_{32}N_2O$, Wadgymar.

Preparation, Provings made with aqueous solutions of the sulphate of H.

Authorities. (Harley, Old Veg. Neurotics.) **1**, General effects of subcutaneous injection of $\frac{1}{16}$ to $\frac{1}{12}$ of a grain; **1** *a*, Effects of $\frac{1}{30}$ to $\frac{1}{24}$ grain; **1** *b*, Effects of larger doses than $\frac{1}{12}$ grain; **2**, Effects on Samuel M., aged 49 (sufferer from facial neuralgia), of $\frac{1}{24}$ grain, subcutaneously; **2** *a*, same, $\frac{1}{10}$ grain; **3**, Charles V., aged 32 (chronic lumbago), effects of $\frac{1}{48}$ grain, afterward $\frac{1}{30}$ grain; **3** *a*, same, $\frac{1}{20}$ grain; **3** *b*, same, $\frac{1}{12}$ grain; **3** *c*, same, $\frac{1}{8}$ grain; **4**, J. W. (lumbar neuralgia), effects of $\frac{1}{12}$ grain; **5**, Mrs. F., $\frac{1}{24}$ grain; **6**, Mrs. E. W., $\frac{1}{24}$ grain; **7**, John E., $\frac{1}{8}$ grain.

Mind.—Dull, heavy and sleepy, and very giddy (after thirty minutes),[3c].—Mind quite clear when engaged in conversation, but when left undisturbed, he relapsed into a dreamy condition, with the eyes wide open; twice he reached out a hand to an object on the table, and began to look about on the floor, and when I asked him "What for?" he said, "Oh, I thought something had dropped off the table, the walls appear to move a little" (after three-quarters of an hour); he remained quiet, but inclined to be meddlesome when his attention was not engaged in conversation, grasping at objects on the table, or in the waste-basket on the floor, and attempting to remove them before the hand reached them, evidently misjudging the distance (after one hour); left alone, he lapsed into a state of forgetfulness and dreamy meddlesome delirium, picking at objects, and, having reached them after several unsuccessful efforts, fumbling them about until he dropped them, and then, in the attempt to pick them up, losing his balance, and, but for constant attention, falling over; when aroused he rubbed his hand, gaped, and answered my questions readily; a remark which I made at this time excited a risibility which he was unable to restrain, and every now and then the suppressed chuckle burst out into a hearty laugh (after two hours),[7].

Head.—Vertigo. Giddiness (after three-quarters of an hour),[2].—Giddiness (after ten minutes); he staggered a little on rising from the chair (after forty minutes),[3a].—Giddiness (after five minutes); on attempting to rise from a chair he began to reel (after twenty minutes); giddiness across the forehead (after forty-five minutes); diminished (after two hours); he could walk without assistance, but still reeled a little (after three hours and a quarter),[7].—Much giddiness (after fifteen minutes),[6]; (after one hour),[3b].—Excessive giddiness, and staggered much in walking (after twenty minutes),

legs felt too weak and he was too giddy to walk without assistance (after one hour); too giddy to walk without laying hold of the furniture or supporting himself by the wall (after one hour and a half); rapidly passing off, but he walked very cautiously (after two hours and a half); soon passed off,[2a].—Excessive giddiness and a weight across the forehead, continuing about an hour (after ten to twenty minutes),[1a].—Reeled much in walking (after twelve minutes),[3c].—[10.] Tottering and giddiness, so that she had to make two or three efforts before she could raise herself from the chair, and then began to reel, and could not walk safely without support,[5]. —***Forehead.*** Great weight across the forehead,[5].

Eye.—Eyes suffused (after fifty minutes); natural (after two hours and a quarter),[3c].—Membranes of the eyes sometimes slightly injected, continuing about an hour (after ten to twenty minutes),[1a].—Sclerotic and conjunctiva a little injected (after one hour); quite gone (after two hours),[3b].— ***Conjunctiva.*** Conjunctivæ a little injected (after thirty minutes); natural (after three hours),[3c].—***Ball.*** Eyeball restless (after fifty minutes),[3c].—Eyeballs unsteady (after two hours), continuing an hour and a quarter,[7].—***Pupil.*** The pupils slowly dilate during the latter part of the action of the medicine, and at its close attain their maximum degree of dilatation,[1a].—Pupils dilating (after twenty minutes); $\frac{1}{5}''$ (after forty-five minutes); a little over $\frac{1}{5}''$ (after one hour),[7].—[20.] Pupils between $\frac{1}{5}''$ and $\frac{1}{4}$ (after two hours); nearly $\frac{1}{4}$ at the light (after three hours and three-quarters),[7].—Pupils $\frac{1}{6}$ (before the proving); the dilatation was such that it contracted to $\frac{1}{4}''$ only at the bright light of day (after two hours and a half),[4].—Pupils at the light $\frac{1}{8}''$ (before the proving); $\frac{1}{5}''$ (after three hours and a half),[5].—Pupils $\frac{1}{9}$ (before the proving); dilated to $\frac{1}{8}''$ (after two hours),[2].—Pupils $\frac{1}{9}$ (before the proving); dilated to $\frac{1}{8}$ (after one hour); $\frac{1}{7}''$ (after one hour and a half); $\frac{1}{6}''$ (after two hours),[2a].—Pupils $\frac{1}{10}''$ (before proving); $\frac{1}{8}''$, sidewise $\frac{1}{6}''$ (after three-quarters of an hour),[6].—Pupils $\frac{1}{100}$, sideways $\frac{1}{7}$ (before the proving); dilated to $\frac{1}{8}''$; sideways $\frac{1}{6}''$ (after three-quarters of an hour, and two hours and a quarter),[3].—Pupils $\frac{1}{10}$, sideways $\frac{1}{7}$ (before the proving); $\frac{1}{8}''$, sideways $\frac{1}{7}$ (after one hour); $\frac{1}{7}''$, sideways $\frac{1}{5}$ (after two hours),[3b].—Pupils $\frac{1}{10}$, sideways $\frac{1}{7}$ (before the proving); slightly dilated (after forty minutes); at light $\frac{1}{7}''$, sideways $\frac{1}{5}''$ (after two hours and a quarter),[3a].—Pupils $\frac{1}{10}$, sideways $\frac{1}{7}$ (before the proving); $\frac{1}{8}''$ (after thirty minutes); $\frac{1}{7}''$, sideways $\frac{1}{5}$ (after one hour and a quarter); $\frac{1}{6}''$, sideways $\frac{1}{4}$ nearly (after two hours and a quarter),[3c].—***Vision.*** [30.] On endeavoring to read the paper at the usual distance, he was unable to decipher even the head lines; there was a thick haze before the eyes, he could not distinguish his finger-nails, and the letters appeared to run together to form a uniform dark surface; but when he held the paper at full arm's length and at the same time inclined the head backwards, making a distance of thirty-six inches, he was able to read the smallest type of the *Times* newspaper fluently; he recognized a lightning conductor, a rod of the thickness of the little finger, as a film projecting from the side of the chimney-pot; by means of a double convex lens or a pinhole in a card he was able to read any type at a distance of three inches from the eye (after two hours and a half),[4].

Face.—Looked very heavy, had slept, and great somnolency continued (after fifty minutes); somnolency passing off (after two hours and a quarter),[3c].—Some flushing of the face,[4].—Face a little flushed (after twenty minutes); face, chiefly the cheeks, hot and flushed (after one hour); disappeared (after two hours),[3b].—Face hot and flushed (after thirty min-

utes),[6].—Face hot and flushed (after fifty minutes); natural (after two hours and a quarter),[3c].—Cheeks occasionally a little flushed, continuing an hour (after ten to twenty minutes),[1a].

Mouth.—Tongue. Anterior part and margins of the tongue quite wet with an acid secretion (after three hours and a quarter),[7].—Tongue dry and hard (after three-quarters of an hour),[2].—Tongue dry and brown, remaining so for an hour and a half (after thirty minutes),[5].—[**40.**] Tongue dry and brown at the centre (after two hours),[2a].—Tongue dry and brown down the centre, the rest of the mouth very clammy (after one hour),[3b].—Tongue and mouth generally dry; hard palate quite dry (after twenty minutes),[7].—Tongue uniformly dry (after twelve minutes),[3c].—Tongue more or less completely dry, rough, and brown, the hard and soft palates dry and glazed (after ten to twenty minutes); after continuing about an hour, the tongue and hard and soft palates become covered over with a sticky, acid, offensive secretion, agreeing in all respects with that which follows the action of Belladonna,[1a].—Tongue, excepting the margin, quite dry and rough (after forty-five minutes),[7].—Articulation indistinct from the great dryness of the tongue and throat (after forty-five minutes),[7].—Tip of the tongue quite dry (after thirty minutes),[6].—***General Mouth.*** Dryness of the mouth and throat (after effects),[3c].—Mouth quite dry, excepting the gums (after one hour),[7].—[**50.**] Mouth and throat very dry and parched (after one hour and a half), and remained so,[2a].—Slight dryness of the mouth (after two hours and a quarter),[3].—The mouth was parched,[4].—Both palates dry and glazed (after twelve minutes),[3c].—Both palates dry and glazed, remaining so for an hour and a half (after thirty minutes),[5].—Both palates dry and glazed (after two hours); a portion of the hard palates dry (after two hours and a half); soon passed off,[2a].—Both palates completely dry and glazed (after forty-five minutes),[7].—Hard palate quite dry (after thirty minutes),[6].—Mouth clammy (after one hour),[2].—Mouth moist (after fifty minutes, and one hour and a quarter, and three hours),[3c].—[**60.**] Mouth moist and clammy, and exhaling an offensive odor (after two hours),[3b].—Mouth quite moist (after two hours),[2].—Mouth suddenly and completely moistened (between forty-fourth and forty-sixth minutes),[6].

Throat.—Throat dry (after one hour); very dry (after two hours),[2].—Although the mouth was moist, the throat was very dry (after one hour and a quarter),[3c].

Urinary Organs.—Urine, before taking, 2 ounces, acid, pale, sp. gr. 1016; 1000 grains contained chlorine 4.56 grains, urea 14.80 grains, phosphates and sulphates 7.01 grains, uric acid no excess; three hours and three-quarters after taking, acid, nearly colorless, 9 ounces, sp. gr. 1008; 1000 grains contained chlorine 2.42 grains, urea 9.00 grains, phosphates and sulphates 3.75 grains, uric acid a trace; three hours after taking, an urgent call to pass water, dysuria and discharge in a feeble dribbling stream, partial retention (urine contained Hyos.),[7].—Urine before taking, acid, pale sherry-colored, sp. gr. 1015; two hours and a quarter after $\frac{1}{48}$ grain, feebly acid, whey-colored, sp. gr. 1010,[3].—Urine, before taking, acid, sp. gr. 1016, contains much uric acid; two hours after $\frac{1}{30}$ grain, 15½ ounces, *alkaline*, sp. gr. 1008, much less uric acid,[3].—Urine, before taking, acid, sp. gr. 1016, much uric acid; two hours and a quarter after $\frac{1}{20}$ grain, *neutral*, sp. gr. 1008, a trace of uric acid,[3a].—Urine, before taking, faintly acid, sp. gr. 1010; two hours after $\frac{1}{12}$ grain, *very alkaline*, sp. gr. 1005,[3b].—[**70.**] Urine, before taking, acid, sp. gr. 1015, bright on boiling; 1000 grains contained cholorine 2.95 grains, urea 12.32 grains, sulphates and phosphates 4.16

grains; two hours and a quarter after $\frac{1}{8}$ grain, alkaline, sp. gr. 1008, opalescent on boiling, chlorine 1.55 grains, urea 5.33 grains, sulphates and phosphates 3.24 grains; three hours after $\frac{1}{8}$ grain, still more alkaline, otherwise about the same,[3c].—Urine at time of injection, acid, sp. gr. 1034; after twenty-two minutes, same, but a few drops dilated the pupil from $\frac{1}{8}$ to $\frac{1}{6}$, and maintained it so for ten hours,[2].—Urine before taking high-colored, acid; three hours and a half after, glaucous green, sp. gr. 1007, quantity 15½ ounces (chloroform extracted a brown varnish, smelling strongly of the original Hyosc., 2 drops of its solution in 10 drops of water dilated pupil),[4].—Urine half an hour after Hyosc., acid, sp. gr. 1017; 1000 grains contained chlorine 3.00 grains, urea 16.66 grains, sulphates and phosphates 8.60 grains; after two hours and a half, acid, sp. gr. 1023; 1000 grains contained chlorine 5.49 grains, urea 21.66 grains, sulphates and phosphates 8.80 grains (both specimens normal in uric acid),[8].—Urine, before taking, acid, sp. gr. 1010, bright on boiling; after two hours and a half, *alkaline*, sp. gr. 1025; much phosphatic opalescence on boiling, and deposit of triple phosphates on standing,[9].

Respiratory Organs.—Dry tracheal cough, during the last hour (after one hour and a quarter),[3c].

Heart and Pulse.—After doses ($\frac{1}{16}$ to $\frac{1}{12}$ of a grain) sufficient to produce complete dryness of the tongue and the hard and soft palates, the pulse will generally experience an acceleration of 10 or 20 beats, and be increased slightly in force and volume; this change in the pulse will be observed in from ten to twenty minutes after the subcutaneous injection of Hyoscyamin; the acceleration does not usually continue for longer than twenty or thirty minutes, and rarely lasts for an hour; then the pulse slowly declines, and gains a little in force and volume; it usually decreases about 5 beats for every interval of twenty or thirty minutes, until at the end of an hour and a half or two hours it attains its minimum rate; after a small dose ($\frac{1}{40}$ of a grain) the pulse will usually fall without any previous acceleration,[1].—Pulse 76 (before the proving); accelerated 26 beats of undiminished volume and power (after thirty minutes); accelerated 24 beats (after forty minutes); accelerated 12 beats (after fifty minutes); fallen to 9 beats below the initial rate, regular, and of undiminished power and volume (after one hour and a quarter); decreased 18 beats, regular, softer, of good volume (after two hours and a quarter); decreased 21 beats, being now 53, regular, and of natural volume and power (after three hours),[3c].—Pulse 78 (before the proving); rose 18 beats during the first twenty minutes, and then during the next two hours gradually fell to 20 beats below the initial rate; during the first half hour the force and volume were slightly increased; afterwards the pulse assumed its natural character,[4].—Pulse 74 (before the proving); increased 18 beats, regular (after twenty minutes); accelerated 8 beats (after one hour); 5 beats (after one hour and a half); 72, reduced 2 beats, of the same volume and power as before the injection (after two hours); still 72, regular, and of good volume (after two hours and a half),[2a].—[80.] Pulse 76 (before proving); increased 15 beats, regular, a little increased in volume (after twenty minutes); increased 4 beats (after one hour); 20 beats below the initial rate, of natural volume and power (after two hours),[3b].—Pulse 74 (before the proving); accelerated 15 beats (after twenty-three minutes); accelerated 10 beats, regular (after three-quarters of an hour); 74, of natural volume and power (after one hour); 72 (after two hours),[2].—Pulse increased 12 beats, full and regular (after twenty minutes); increased only 2 beats, of natural volume and force (after forty-five minutes); pulse fallen 1 beat,

full and regular (after one hour); decreased 6 beats, but still remained of good volume and force (after two hours); pulse 60, very regular, and of natural force and volume; it had continued so from the second hour (after three hours and three-quarters),[7].—Pulse 88, after sitting an hour (in much pain), (before the proving); decreased 6 beats, once or twice a minute, a beat came very slowly, otherwise quite regular (after fifteen minutes); further decreased 2 beats, quite regular, slightly increased in volume and power (after thirty minutes); fell 7 beats, and attained the minimum depression of 19 beats (between forty-fourth and forty-sixth minute); pulse 72, having increased 3 beats; it was regular, and of slightly increased volume and power (after two hours and a quarter),[6].—Pulse 76 (before the proving); decreased 10 beats (after forty minutes); 24 beats, regular, of unchanged volume and power (after two hours and a quarter),[3a].—Pulse 72 (before the proving); fell 16 beats during first fifteen minutes; 8 beats more during the next two hours and a quarter, when it attained the minimum, numbering 48; during the next hour it rose to 50,[5].—Pulse 76 (before the proving); decreased 18 beats (after twenty minutes); 21 beats (after three-quarters of an hour); 22 beats (after one hour); 25 beats, now numbering 51 (after one hour and three-quarters); 26 beats (after two hours and a quarter); at first the force and volume of the pulse were slightly increased, but afterwards it continued unchanged and regular throughout,[3].

Extremities in General.—Limbs were fidgety, and occasionally affected with slight twitchings (after two hours),[7].—Slight jerking of the limbs,[1b].

Inferior Extremities.—The legs were very weak and he could not walk without assistance (after twenty minutes),[7].—[**90.**] Legs felt too weak to walk (after one hour),[2a].—He could not rise from his chair, or walk without assistance; and as he sat, the extensors of the legs were slightly twitched now and then, so as to advance the foot with a little jerk (after forty-five minutes),[7].—Quite unable to walk (after two hours),[7].

General Symptoms.—The muscular system generally was flaccid, he did not sit erect in the chair, and a foot was occasionally advanced with a little jerk, and once or twice the hand was suddenly pronated and supinated with a jerk (after one hour),[7].—The power of maintaining the erect posture will be lost, and at best the patient reels like a drunken man,[1b].—Somewhat restless for an hour and a quarter, and if I left his side for a minute he would attempt to get up, reel for a few paces, and then fall together like a drunken man, upon the carpet (after two hours),[7].—Felt heavy (after twenty minutes),[3b].

Sleep.—Inclined to yawn (after one hour and three-quarters),[3].—Frequently yawned and sighed (after one hour and a quarter),[3c].—Gapish and tired (after three hours and a quarter),[7].—[**100.**] Slight inclination to sleep (after three hours and a quarter),[7].—Somnolency continuing about an hour (after ten to twenty minutes),[1a].—Much somnolency, and had slept the last ten minutes (after one hour); had slept during the last hour, and still experienced somnolency (after two hours),[3b].—Much somnolency (after fifteen minutes); continued very sleepy (after thirty minutes); she continued to sleep for an hour and a half (after three-quarters of an hour); when disturbed awaking with a start,[6].—Great somnolency for three hours,[5].—Great somnolency (after twenty minutes); continuing (after one hour and a half); nearly passed off (after two hours),[2a].—Greater somnolency and giddiness than after ¼ grain of acetate of morphia (used subcutaneously); the effects came on within five minutes, and he slept two hours soundly

and continuously,[4].—Such excessive somnolency that the patient cannot keep the eyelids raised for a few seconds,[1b].—Either wakeful, quiet, and usually pleasing delirium, with illusions of the sight, or such excessive somnolency that the patient cannot keep the eyelids raised for a few seconds, but when aroused, lapses again into a dreamy sleep, broken by occasional mutterings and slight jerking of the limbs,[1b].

HYOSCYAMUS.

Hyoscyamus niger, Linn.

Natural order, Solanaceæ.

Common names, Henbane; (G.) Bilsenkraut.

Preparation, Tincture of the fresh herb.

Authorities. Nos. 1 to 49 from Hahnemann, R. A. M. L., 4. **1**, Hahnemann; **1** *a*, Fr. H—n; **1** *b*, Flæming; **2**, Franz; **3**, Langhammer; **4**, Stapf; **5**, Wislicenus; **6**, Barrère, Obs. d'Anatomie, 1753 (not accessible, Hughes); **7**, Barton (symptoms thus noted belong to Smith); **8**, Bernigau, in Hufel. Journ., V, p. 905 (from a clyster of Hyosc. in a man); **9**, Blom, in Kon. Vetensk. Acad. Handl., 1774, p. 52 (from root eaten by a man); **10**, Borellus, Cent. IV., Obs. 45 (from root in adults); **11**, Cagnion, from Desault, Journ. de Chir., I, p. 370 (from root in children); **12**, Camerarius, in Acta Nat. Cur., vol. i, Obs., 12 (p. 250, as last); **13**, Clauder, in Misc. Nat. Cur. Dec., V, Ann. 6, Obs. 178 (from preparing a fomentation of Hyosc.); **14**, Costa, in Journ. de Med., vol. xxx, Feb., p. 134 (from seeds in a man); **15**, Van Ems, in Prælect. Boerhaavii de morb. nerv., vol. i, p. 236 (not found); **16**, Faber, in Schenk, Lib. VII, Obs., 152 (p. 853, from gr. xxv of seeds in adult); **17**, Gardane, Gaz. de Santé, 1773, 1774, p. 294 (in several persons, from effluvia); **18**, Gesner, Samml. von Beob., I, p. 165 (after case of colic, by Hyos.); **19**, Gmelin, Reise durch Sibirien, Gœtt., 1752, vol. iii, pp. 84–85 (general statement from authors); **20**, Greding, in Ludw. Advers. Med. Pr., I, pp. 86, 89 (p. 71, from extract administered in disease, cases 1 to 10 melancholico-maniacs, cases 11 to 21, maniacs, cases 22 to 35 epileptics, cases 36 to 40 epileptico-maniacs); **21**, Gruenewald, in Miscell. Nat. Cur. Dec., III, ann. 9, 10, App. p. 179 (**21** *a*, from effluvia of seeds; **21** *b*, from a clyster of Hyosc.; **21** *c*, in girls who had applied fomentations of Hyosc.); **22**, Haller, in Vicat. Mat. Med., I, p. 184 (from seeds in adult); **23**, Hamberger, Diss. de Opio, § 18 (from root in boy of three years); **24**, Hamilton (Edinb. Med. Essays, II, 243, from gr. xxv of white henbane-seeds in a young man); **25**, Heilbronn, in Neues. Journ. der Auslænd. Med.-Chir. Lit., V, Hufel and Harles, I, 1804, p. 199 (not accessible); **26**, Van Helmont, Jus d., § 22 (from 2 scruples of seeds in adult); **27**, Huenerwolf, in Miscel. Nat. Cur. Dec., III, Ann 2, Obs. 92 (from cooked roots, in several persons); **28**, Jaskewitz, Diss. Pharm. reg. veg., Vindob., 1775, p. 53 (observations); **29**, Jœrdens, in Hufel. Journ., IV, p. 539 (from clyster of Hyosc. in a woman), **30**, Kiernander, Utkast til Med., Lagfar, 1776, p. 267 (not accessible); **31**, Matthiolus, Comment. in Diosc., Lib. VI, p. 1064 (observations); **32**, Navier, in Rec. period. d'Obs. de Med., Tom. IV (p. 113, from Hyosc. eaten as a salad by an adult); **33**, Planchon, in Journ. de Med., Tom. XIX, p. 42 (from repeated doses in adult); **34**, Pyl, Neues Mag., II B., III St., p. 100 (from seeds, in a boy); **35**, De Rueff, in Nov. Act. Nat. Cur., T. IV, Obs. 59 (from inhaling vapor for toothache); **36**, Sauvages, Nosol., II, p. 242

(from root, in several persons); **37,** Schulze, in Misc. Nat. Cur. Dec., I, ann. 4, 5, obs. 124 (from cooked root, in several persons); **38,** Seliger, in Misc. Nat. Cur. Dec., II, ann. I, obs. 138 (not found); **39,** La Serre, in Misc. Nat. Cur. Dec., II, ann. 6, obs. 78 (from clyster of Hyos. given for dysentery); **40,** Sloane, in Philos. Trans., No. 457 (xxxviii, 99, from seeds in children); **41,** Smith (Duncan's Med. Comm., p. 402, from grains iv of resinous part of extract, in a healthy man); **42,** Stedman, in Phil. Trans. (vol. xlvii, from leaves boiled in broth, in several adults); **43,** Stœrck, lib. de Stram., Hyosc., Acon., Vien., 1762, pp. 36, 39, 47, 55 (observations on patients); **44,** Tozzetti, relaz. di alcuni viaggi., vol. vi, p. 279 (from root in adult); **45,** Vicat, Mat. Med., I, p. 185 (general statement); **46,** Wedel, in Misc. Nat. Cur. Dec., I, ann. 3, obs. 21 (from seeds, in child of three); **47,** Wendt, in Hufel. Journ., V, p. 390 (from clyster of Hyosc. in adult); **48,** Wepfer, Hist. Cicut. Aquat., Bas., 1716, p. 230 (from cooked roots, in some youths); **49,** Desault, Journ. de Chir., Tom. I; **50,** Hartlaub and Trinks, M. M. (Kahler's Hufel. Journ., 1829), poisoning of child aged 4 years by the seeds; **51,** Lembke, took Gruner's tinct., repeated doses of 2 to 25 drops, N. Z. f. H. Kl., 1, p. 8; **52,** Dr. Keil took 10, 20, and 50 drops of tinct., Hartlaub's provings, V. J. Sch. f. Hom., 9, p. 241; **53,** Gerstel took 15th dil., ibid.; **54,** same, took 15 to 20 drops of tinct., ibid.; **55,** Lindermann, provings with 15th dil., ibid.; **55** *a*, same, proving with 3d dil., ibid.; **56,** same, proving with 3 to 50 drops of tinct., ibid.; **57,** Harley, effects of 3 fluid ounces of Succus Hyosc., in a man aged 40, Old Veg. Neurotics; **58,** same, effects in a paralytic, aged 75, of 8 grains of extract substituted for the customary dose of morphine; **59,** Proving of the "Comité der K. K. Gesellsch. der Ærtze in Wien," from Zeit. d. K. K. Gesell. d. Æzt. zu Wien, 1847, six provers took the Prussian extract, beginning with $\frac{1}{4}$ grain, increasing the dose by $\frac{1}{4}$ grain till $5\frac{1}{4}$ grains were taken at a dose; **59** *a*, subsequent proving, six (in part same) provers took the Austrian extract, beginning with $\frac{1}{4}$ grain and increasing to $12\frac{3}{4}$ grains, one prover to $18\frac{3}{4}$ grains, from ibid.; **60,** Schroff, Lehrbuch, effects on three persons of fresh juice, alcoholic and ethereal extracts; **61,** Liedbeck, effects of 2 drops of the juice of the herb when put into the eye, repeated after fifteen minutes, Hygea, 9, 444; **62,** Journ. de Toul (Z. f. Ver. Hom. Æzt. Œst., 1, 376), effect of a clyster of herb Hyosc., in a woman; **63,** Gaz. d. Hop., 1854 (Z. f. V. H. A. Œst., 1, 376), effect in a woman of eating the roots cooked; **64,** same, in another woman; **65,** same, in a man; **66,** Dr. Kahrer; a girl 8 years old, effects of eating seeds; **67,** Dr. Wurtemberg, Prag. Monats., 2, 122, effects of eating leaves, in a child; **68,** Springer, Archiv. f. Hom. Heilk., 19, 3, 182, poisoning of four children, from 4 to 6 years old; **69,** Sir H. Sloane, Med. Museum, 3, p. 231 (1764), (from Philos. Trans.), effects of eating H., in four children (*possibly same as last*); **70,** Donaldson, Bost. Med. Intell., 5 June, 1827, a woman and daughter took a tea containing nearly an entire young plant; **71.** Hufeland's Journ., 1829, effects of seeds in a child of 4 years; **72,** Med.-Chir. Rev., 20, 205, effects of eating seeds, in two girls, each about 5 years; **73,** Solon and Soubeiran, Am. J. Med. Sc., 20, p. 214 (Bull. Gen. de Therap., 1836), effects of increasing doses of extract in one suffering from headache; **74,** Menger, A. H. Z., 9, 13 (Berl. Med. Zeit., 1836), effects of eating roots, in several persons; **75,** All. Hom. Zeit., 19, 63 (Reinh. and Casp. Woch., 1840), effects of daily doses of 8 grains of extract in a man; **76,** Br. J. of Hom., 1, 412 (Œst. Med. Woch., 1843), a man fumigated his mouth with smoke of the burning seeds for toothache, which it instantly cured, but caused the fol-

lowing symptoms; **77**, A. H. Z., 28, 154, a family of nine were all, except one, poisoned by a soup made from the roots; **78**, Bernigau, a man took in a clyster an infusion consisting of half an ounce of the herb; **79**, Frank, Casp. Woch., two girls ate the seeds; **80**, Stein, A. H. Z., 15, 287, effects of eating seeds, in a girl aged four; **81**, Sigmund, a man took an overdose "for a disturbed stomach," Am. J. Med. Sc., 22, 189; **82**, same, general effects; **83**, Caudray, Lond. Med. Gaz., 47, p. 641, four monks ate the herb by mistake for another vegetable; **84**, Lond. Med. Gaz., 45, p. 131 (Casp. Woch., 1849), effects of seeds on a girl of 6; **85**, Cabot, Am. J. Med. Sc., 48, p. 369 (1851), effects of a teaspoonful of tincture, taken every hour, to promote action of castor oil which he had taken for pain in abdomen; **86**, Sandahl, Br. and F. Med.-Chir. Rev., 1857, p. 399, effects of eating soup made of herb; **87**, Keating, Am. J. Med. Sc., 1858 p. 96 (omitted); **88**, Ruschenberger, Am. J. Med. Sc., 1858, p. 97, effects of 4 grains of extract in a man; **89**, St. Ange, Syden. Soc. Yr. Book, 1861, p. 423, effects of two cups of infusion in a man; **90**, White, Lancet, 1873, p. 8, a woman took 1 drachm in morning (had taken a blue pill the night before); **91**, Covert, Trans. Hom. Med. Soc., State of N. Y., 1873, p. 157, effects of seeds in a boy aged 4; **92**, Campbell, Lancet, 1874, p. 797, effects of aggregate doses of 7½ drachms of tincture, in a man aged 60; **93**, Schillizzi, Gaz. Med. de Montpellier (Br. J. of Hom., 14, p. 622), effects of eating root; **94** (same as 86); **95**, Hempel's Mat. Med., effects in two soldiers, of eating a salad made of young shoots; **96**, same, effects of 3 ounces of seeds, taken for pain in rectum.

Mind.—Emotional. Mental exaltation, lasting twelve hours, with almost uninterrupted delirium,[29].—At times the child became suddenly excited, and could scarcely be quieted; with a wild look,[66].—Intoxication,[19].†—Mental derangement, with occasional altercations,[31].‡—He became excited, and incoherent in his speech, wandered purposelessly about the house, muttering and touching things, as though suspicious of those about him (three hours); he became delirious, saw policemen coming into the house; heard them speaking about him in the hall; *his hands were constantly in motion*, seemingly trying to rub his face or brush something away; was very irritable; he did not attempt to answer any questions, *but occasionally muttered a few disjointed words* (about five hours after first dose),[92].—Foolishness,[68].—Insania,[9].§—Mania, he could scarcely be governed,[42].‖—Madness, as if possessed by a devil,[31].—[**10.**] He roves about senseless, naked, wrapped in fur during the heat of summer,[21a].—***Ravings**,[69].—Ravings,[40].¶—A thousand fancies hover before his imagination,[33].—Thought he was in his own home, and desired to go out and make visits,[75].—***Delirium**,[8 27 46].††—**Delirium, with physical restlessness*,[66].—***Delirium and restlessness; would not stay in bed**,[75].—*Complete delirium*,[62].—*Most lively delirium*,[79].—[**20.**] *Wild delirium*,[68].—He is delirious, as in violent fever,[42].—State of delirium bordering on insanity (in two); so violent that it required six persons to hold (in the third), (after two hours),[83].—**Busy delirium, with constant muttering or talking, and meddling with the hands* (after one hour),[58].—Delirious, but easily controlled; could understand questions when

† From Hyoscyamus physaloides.—HAHNEMANN.
‡ Original revised by Hughes.
§ Omit Greding.—HUGHES.
‖ Not found.—HUGHES.
¶ Original revised, and Greding omitted by Hughes.
†† In Wedele's case, with red face.—HAHNEMANN.

asked, and would answer yes or no, at 2 P.M.; delirious most of the time, would answer and seem to know for a moment, and then would commence his strange actions; **working and clutching of the hands, would strike his attendants; his movements were very quick; it was with difficulty that they could hold him on their laps;* at 4 P.M., greatly excited, talking about everything, cannot fix his attention upon anything, cannot be held; he is now on the floor watched by those in attendance; **he wants to fight, he closes his hands and strikes at his attendants, also attempts to bite; at intervals he would sing, and at times would burst out laughing; when anything is offered him he clinches hold of it with both hands greedily;* the slightest opposition excites him, at 8 P.M; it was after 3 A.M., before he became quiet and disposed to rest,[91].—Singular union of delirium and coma, usually termed typhomania; one of them was exceedingly delirious, and attempted to escape,[95].—**At times the child made violent exertions to get out of bed, tried to bite, and raged,* after which she began to weep aloud; while lying she turned the head right and left, at times raised it up, and snapped as if she would take hold of something,[66].—Momentary listening to imaginary sounds, and eager clutching at visionary phantoms,[89].—The people in the room seemed to assume grotesque appearances; this condition lasted half an hour, and was succeeded by noisy and then by quiet delirium; several hours later she was sitting in the corner of the room, muttering to herself, and rocking her body to and fro; *now catching at the air, or at some imaginary appearance, then pulling the bed-clothes about,* and answering either not at all or incorrectly,[86].—[**30.**] In his confused fancy he thinks men are swine,[37].—Occasional catching at surrounding objects,[58].—***Carphologia**,[68].—**Carphologia and muttering*,[14].—He taps himself upon his head, face, and nose, and gropes about the bed in his carphologia,[24].†—Gesticulations,[21].—Gesticulates like an actor,[37].‡—***He makes ridiculous gestures like a dancing clown**,[21a].—**Ridiculous gestures like one intoxicated*,[21].—**Foolish actions*,[21].—[**40.**] [Laughable, solemn actions mingled in the raving, in an improper dress],[21b].§—***Comical alienation of mind; they perform ludicrous actions like monkeys**.[10].—In his delirium he acts as though he were frightening away peacocks with his hands,[48].—In his raving he acts as though he were cracking nuts,[48].—He embraces the stove, and wishes to climb upon it as on a tree,[48].—*[**He strips himself naked**],[20]. (Case 15.)—He dances,[14].—Danced, ran about the room and attempted to take hold of different objects without being able to grasp them; she stared vacantly about her, and did not hear or reply to any questions; it required several men to hold her in bed (in the one who had eaten the least),[93].—Laughed and said he was exceedingly well,[75].—Joined the women in laughter,[86].—[**50.**] She began to laugh, dance, run around the room and grasp at things, which usually she never touched; she stared at the bystanders, heard nothing, and answered no questions; several men were unable to make her drink or lie down; with pale face, rapid pulse, free respiration, dilated pupils, and great injection of the capillaries of the eye; this madness lasted till the next day, with complete sleeplessness; the vertigo, stupefaction, and incoherent ideas lasted for several days,[63].—**Frequent breaking out into a loud laugh*,[66].—[Almost uninterrupted loud laughter, previous to the appearance of menstruation],[20]. (Case 39.)—They

† Add "in nervous fever."—HUGHES.

‡ Translated harlekin, "actor."—HUGHES.

§ In a priest's gown over his shirt and in fur stockings he wishes to go to church, in order to preach and say mass, and furiously attacks those who endeavor to prevent him.—HAHNEMANN. See note to S. 68.—HUGHES.

laughed aloud because all persons seemed ridiculous; this lively mood continued for half an hour, with violent gesticulations, and was followed by quiet delirium; the old woman talked of the future, swayed the body back and forth, *groped in the air as after objects, picked at the bed*, and either did not answer at all or in a disconnected manner,[91].—***Foolish laughter**,[36].†—Forced laughing, with confused ideas,[68].—**She sang constantly and talked hastily, but indistinctly;* was very violent, and beat about her if she was spoken to strongly or taken hold of,[79].—Very merry mood, completely delirious; singing and imitating with her hands the occupation of spinning,[70].—**He sings amorous and obscene songs*,[21a].—***He talks more than usual, and more animatedly and hurriedly**,[4].—[60.] Great mental vivacity, such as he had not exhibited for years, with perpetual talking during twenty-four hours, night and day. During the whole of the night he engaged the nurse's attention and interest by recounting the adventures of a friend in the Peninsular campaign. Throughout the next day he was intent upon taking a journey, but if any incident in his past life were suggested, he entered minutely into every particular, talking incessantly, with unwonted rapidity and emphasis. He used the simplest and most descriptive language, and he was quite independent of conversation, for it was necessary, in order to avoid any increase of excitement, to treat him with silence. Once a subject was named, no matter whether the attendant circumstances occurred the previous day or fifty years ago, it immediately engaged his attention until some incidental remark or an allusion suggested other ideas. If a subject with which he was not wholly familiar happened to be mentioned, he spoke of it rapidly and coherently as far as his knowledge extended, but then became confused, incoherent, and a little irritable and impatient. The connecting links in a particular train of thought were weakened and occasionally broken by illusions and delusions. The sight of a white napkin suggested, through milk, his former breakfasts in India; the milking of the cow at the door of the house; the appearance of the frothed milk in the silver basin; the tea freshly imported from China. His white handkerchief lying crumpled on the dark sofa-cover recalled the ivory nut, and he entered into a minute and faithful description, not only of this plant, its habits and fruit, but the characters of several other tropical vegetables. Then he wandered into the country, and suddenly pulling up a leg, exclaimed, "Take care; give me your hand; that is a very deep step." The next minute he introduced himself, with a loud voice, in a friend's house at Torquay, and, while engaged in imaginary conversation, suddenly raised the eyelids, and looking across the empty space in the direction of the bare wall said, with much emphasis, "That's a fine dahlia!" A few minutes afterwards he was engaged in Bristol. Several times he directed the carriage to be sent for, and supposing that it was at the door, made attempts to rise from his couch,[58].—He talks about incoherent things,[42].†—**While awake he talks irrationally, as if a man was present* (who was not),[1].—**He talks in an absurd way*,[24].—[Prattling],[20]. (Case 6.)—***He lies naked in bed and prattles**,[20]. (Case 7.)—[He prattles and gets ready for a journey],[20]. (Case 7.)—[He prattles and makes preparations for his wedding],[20]. (Case 7.)—[They almost all prattle about those things which wise men would have kept to themselves],[21b].‡—Chattering incessantly, and without any meaning in their words; they began to leap and dance as in chorea, and all the time

† Original revised by Hughes.

‡ "From a clyster of Hyoscyamus, with turpentine and carminatives."—Hughes.

they seemed not to know any of their family (after eight hours),[72].—[70.] ***Constant unintelligible chattering,*[80].—**He mutters and prattles to himself,*[30].—**He mutters absurd things to himself,*[48].—In speaking, used very fine language, so that the usually quiet and indolent peasant was scarcely recognized,[75].—Frequent moaning and groping about with outstretched fingers, as though something would be suddenly seized,[80].—The child passed whole nights in frightful screams and tossing about,[71].—Depressed, sad,[24].—(He reproaches himself, and has conscientious scruples),[1].—(He considers himself a criminal),[1].—Anxiety,[27 43].—[80.] Anxiety, soon after dinner, as though a sad occurrence impended (after six hours),[2].—The utmost anxiety,[46].†—[In despair, he wishes to drown himself],[20]. (Case 37.)—Extreme fearfulness,[1].—Chronic fear,[11].—Excessive fear of death, becoming a monomania, and only disappearing after six months, leaving behind great nervous irritation,[62].—[He complained that he had been poisoned],[24].‡—Remarkable fear that he had been devoured by animals,[11].§—**Dread of drinks,*[14].—**Dread of water,*[6].—[90.] On being aroused, he muttered and became irritable; on attempting to make him drink, he resented it violently, and soon fell into a state of hallucination, in which his countenance assumed a menacing aspect, and he called on various absent persons by name, with whom he imagined himself to be in debate,[89].—[Irritable, morose, angry],[20]. (Case 37.)§—Impatient; he thought he should die, because he was obliged to wait for something very unimportant,[4].—Morose, sad (second day),[4].—**He reproaches others, and complains of a supposed injury done him,*[1].—**Quarrelsomeness,*[1].—*Quarrelsome,*[21].—Quarrelsome and insulting,[27].—Insulting, quarrelsome, disputing,[21c].—Part of a leaf of henbane will urge a man on to violence and to passion,[82].—[100.] Under its influence the mildest and gentlest beings become highly irascible, and subject to uncontrollable fits of anger,[82].—Rage; he quarrels with others, and tries to injure them,[1].—[He passes the day and night in violent rage, naked, sleepless, and screaming],[20]. (Case 40.)—Extreme rage; he attacks people with knives,[30].—Indomitable rage,[14].—Patients who have taken it, and not in large quantities, have been known, upon the slightest provocation, to fly into most violent passions, and to become perfectly, but fortunately momentarily, mad with rage,[82].—He lays violent hands upon others,[21c].—**He is violent, and beats people,*[21c].—Strikes and tries to kill the bystanders,[37].—**They bit, scratched, and nipped every one who interfered with them* (after eight hours),[72].—[110.] Jealousy,[1].—[Alternations of quiet and rage],[20]. (Case 19.)—[Extremely lively and merry (first day); morose, and extremely inclined to quarrel], (second day),[3].—***Intellectual.*** **He is quiet, reflective,*[1].—Disinclination to mental work,[55].—Disinclination to think and work,[59].—Disinclination to study, the whole afternoon (second day),[56].—Aversion to reading,[55].—Inability to fix the attention on any subject, which lasted two days; every attempt to overcome this was followed by confusion and headache,[60].—Was unable to collect his thoughts while reading,[56].—[120.] Incoherent thoughts, with extreme excitement,[62].—Disconnected words,[46].—** While reading, he interpolates improper words and sentences,*[48].—At times the ideas stand still (second day),[4].—Inability to think (second day),[53].—The head is very much affected, like a loss of ideas; he is averse to everything, and sleeps several hours in the afternoon (without dreams), frequently half

† Original revised by Hughes.
‡ "Merely a statement of the truth."—Hughes.
§ Original revised by Hughes.

awake (after nine hours),[5].—Inclined to forget himself in his thoughtless gazing at objects (after half an hour),[2].—[He does not answer],[20]. (Case 8.)—The child answered in an unintelligible manner,[66].—Confusion, dulness of sense,[17].—[**130.**] Confusion of the sense, weakness of sight, and some difficulty in speaking; a by no means disagreeable state, like slight intoxication (seven hours after $1\frac{3}{4}$ grains),[59].—Was obliged to cease reading on account of distraction of mind and sleepiness (though he has slept well through the night) at 6 A.M. (after one hour),[56].—She was incapable of comprehending what was said to her,[70].—Stupidity,[46].—Far more stupid, and sunk in constant sleep,[20].†—Mind extremely shattered,[16].—Idiotic, senseless,[30].—Amentia,[22 42 44 48].—Remembrance of long-past events,[1].‡—He remembers persons and occurrences which he does not try to recollect (after half an hour),[2].—[**140.**] Weakness of memory,[1].—Loss of memory,[28].—Loss of momory; he remembers what he has thought and done in the last few days only as in a dream (after twenty-four hours),[5].—Complete loss of memory,[1].—He forgets everything which he has previously heard,[47].§—Inability to remember, even for a minute, a single sentence or word she may read (after some days),[90].—Forgetfulness; he is uncertain whether he has really said what he wished to say (after a quarter of an hour),[2].—He easily recalls circumstances which he does not care to, and recollects with difficulty occurrences which he tries to remember (after three hours),[2].—He does not recognize the bystanders,[16 42 46].—The child did not recognize his parents or sister; did not see or hear,[71].—[**150.**] [He is deprived of his senses, and does not know what he is doing],[20]. (Case 23.)—**Unconscious*,[68].—Want of consciousness on waking,[55].—Loss of consciousness,[79].—[He lies without consciousness, and sluggish],[20]. (Case 10.)—***Complete loss of consciousness**,[11 26 80].—Apparent insensibility, though at short intervals apparent consciousness, when she spoke much, and very hastily but very disconnectedly,[67].—Stupor manifested by words and actions,[27].—Stupor as if drunk,[42].‖—*Stupefaction*,[60 62 74].—[**160.**] Complete stupefaction,[47].—When left to himself he relapsed into a lethargic state,[89].—Sopor,[68].—Coma vigil,[1 46].

Head.—Confusion and Vertigo. **Confusion of the head*,[51 52]; (after nine hours),[53], etc.—Confusion of the head, amounting even to pain,[59a].—Confusion of the head, increased in the open air, associated with pain in the forehead and temples (second day),[53].—Confusion and obscuration of the head, such as is caused by excessive physical weakness, especially in the morning,[1].—Confusion of the head and attacks of giddiness (after 2 to $3\frac{1}{4}$ grains),[59].—Confusion of the head, slight pressure in the frontal region, with difficult thought on going into the open air, at 4 P.M. (third and fourth days),[53].—[**170.**] Confusion in the frontal region, spreading afterwards to the sight and hearing (after 2 grains),[59].—Confusion in the forehead (soon),[56]; (second day),[53].—Confusion of the forehead, preventing thought (after fifteen minutes),[56].—Confusion in the forehead in the open air (first day),[56].—Some confusion in the left side of the forehead,[55].—Head confused, full, afterwards hot,[51].—Head heavy, confused,[14].—Obscuration of the head, constipation, and pain in the loins,[20]. (Case 28.)—*Vertigo*,[8 9 20]; (Case 20),[21a¶ 27 32 33 40 45 48], etc.—Vertigo, amounting even to faintness,[59a].—[**180.**] Vertigo, as if intoxicated (immediately),[4].—Vertigo, especially when walking, when the gait was sometimes unsteady and tottering,[51].—Vertigo, with headache,[94].—

† Original revised by Hughes.
§ Not found.—Hughes.
¶ Lasting fourteen days.—Hahnemann.
‡ Curative action?—Hahnemann.
‖ Corrected by Hughes.

Vertigo, with obscuration of vision,[41].—Transient vertigo, even amounting to a sensation of impending faintness,[59].—Slight vertigo, with cloudiness of vision and dilated pupils (three-quarters of an hour after 18¾ grains),[59].—Violent vertigo,[42].—Dizziness,[21 39].—*Giddiness*,[84]; (after half an hour),[86].—The mother was seized with giddiness, vertigo, etc. (soon),[70].—[**190**] Giddiness and reticulated vision, with frontal headache on the right side, soon followed by prickling sensation in the arms, and thereafter viscid perspiration on them (one hour after 11¼ grains),[59].—Giddy and delirious (after ten minutes),[90].—Giddy and stupid,[95].—Swimmings in the head,[69].—Feels intoxicated immediately after a meal,[1b].—Reeling,[68].—Reeling from side to side,[4].—They stagger as if intoxicated,[11 49].—***General Head.*** Congestion of the brain,[53].—Rush of blood to the head,[59a].—[**200.**] Stupefaction of the head (second day),[56].—Heavinesss of head (after 18 grains),[73].—Heaviness of the head,[29]. (Case 25),[31]† [45].—Heaviness of the whole head (after one hour),[56].—Heaviness and confusion of the head,[59].—He complains of heaviness of the head and violent headache,[24].‡—Heaviness and pressure in the head, especially in the forehead,[51].—Heaviness of the head, with swollen eyelids,[20]. (Case 23.)—Heat and crawling in the head (after twenty-four hours),[1].—Heat deep in the head,[51].—[**210.**] Head very hot; he frequently put his hands to his head, with loud cries,[94].—Head hot,[79].—*Headache*,[20]. (Cases 1, 8, and 20),[36 42], etc.—Headache for several hours,[17].§—[Headache, with unnatural heat],[20]. (Case 16.)—Headache alternates with pain in the nape of the neck,[20]. (Case 8.)—Violent headache, especially over the eyes (after several hours),[86].—Constant violent headache,[32].—Dull headache at the base of the brain,[1].—Headache comes on in the room, while there had been no trace of it in the open air (after two hours),[2].—[**220.**] Headache, as if the brain were shattered and shaken, when walking (after five hours),[1].—Pressive stupefying headache, especially in the forehead, recurring in alternation with needlelike stitches, particularly on the left side (after four hours),[3].—Pressive stupefying headache, especially in the whole forehead, which at last changed to an intermitting tearing (after ten hours and a half),[3].—The head seems encircled by a band (second day),[56].—(Fine sticking pain in the head),[1].—(Stitching, tearing headache), (after two hours),[1].—Slight pulsation in the brain,[53].—Violent throbbing headache waking him at night, with violent throbbing in the carotids; the pain disappeared during the sleep which followed, and he awoke in the morning well,[52].—A waving in the brain, as from violent throbbing of the arteries, with pressure in the forehead, most violent after stooping (after half an hour),[5].—***Forehead.*** Heaviness in the forehead, especially on stooping,[51].—[**230.**] Heaviness in the forehead, with a burning (after nine hours),[53].—Pain in the forehead, also after each dose, involving the parietal region and occiput,[59a].—Tension in the forehead (second day),[56].—The forehead feels full, as if screwed inward (second day),[56].—Feeling of tension in the forehead,[56].—Slight tension and warmth in the forehead,[55].—Aching across the forehead and temples,[91].—Headache over the eyes,[94].—Frontal headache on the left side, and amblyopia (after 4¼ to 4¾ grains),[59].—Dull frontal headache (after 3¼ and 4 grains),[59].—[**240.**] Dull headache in the forehead, especially in the meninges of the brain,[1].—Paroxysmal, at times contractive, confusing headache in the upper part of the forehead, with

† "General statement."—HUGHES.
‡ "Twenty-four hours after, with S. 812."—HUGHES
§ From the odor and exhalations of the herb.—HAHNEMANN.

general discomfort, at another time freedom from all trouble, and ease, with excited fancies, the latter lasting much longer than the former condition (after one hour),[2].—Pressure in the forehead,[51].—Pressure and heat in the forehead, somewhat relieved by nosebleed,[51].—Pressive pain in the forehead, so that he wrinkled the skin (second day),[56].—Pain, mostly pressive, in the region of the forehead and occiput, less in the parietals, and still more seldom in the encephalon,[59].—Sticking in the head, over the right eye, when coughing,[1].—Throbbing in the frontal eminences (first day),[56].—Throbbing and drawing in the right frontal eminence, aggravated by movement or stooping (second day),[56].—Throbbing pain in the left frontal eminence (second day),[56].—***Temples.*** [250.] Headache after eating; pressure in the temples, and aching in the whole external head (after four hours and a half),[2].—Pressive pain in the right temple, forehead, and upper lid, with dizziness, disappearing on moving about in the open air,[50].—The pain in the temples is aggravated in the cold air, and relieved in the house (second day),[56].—***Vertex.*** Pressure in the vertex and drawing in the nape of the neck, on turning the head (after three hours),[2].—Crawling in the head, on the crown (after one hour),[1].—***Occiput.*** Pain in the occiput,[56].—Tension in the occiput (second day),[56].—(Tearing headache in the occiput),[1].—The pain concentrated itself in the sides of the occiput, which felt as if sore, relieved by pressure (second day),[56].—***External Head.*** Gnawing pressure in the scalp, aggravated by moving it or pressing upon it (after fifteen hours),[5].—[260.] Head symptoms relieved by a cup of coffee,[53].—Head symptoms relieved in the room (second day),[53].

Eye.—Objective. Eyes appear inflamed,[32].†—**Eyes look red, wild, sparkling,*[96].—Red sparkling eyes,[14].—*The albugineæ were red, and the pupils so widely dilated that the irides seemed like a narrow circle; they were also insensible to light,[72].—*Brilliant lustre to the eyes,[74].—Brilliant eyes, widely dilated pupils; the dilatation continued for several days,[89].—*Eyes sparkling and constantly rolling about (after eight hours),[72].—Fiery-like, glistening eyes,[9 42].†—[270.] The eyes had a peculiar look; they seemed dim and watery, the pupil large, with strange, staring expression; later they looked very wild and staring, pupils dilated very much (first and second days),[91].—**Staring look,*[39].—He gazes at those present with staring look,[27].—Eyes staring and larger than usual,[94].—Eyes staring, distorted,[12].—The eyes, which were rather staring, appeared larger than usual (after several hours),[86].—Eyes prominent, very red,[79].—Eyes sunken, staring, and rather glistening,[71].—***Subjective.*** Weakness of the eyes,[52 59a].—Eyes feel dry on reading,[56].—[280.] Sensation as of a foreign body in the eye (three-quarters of an hour after $18\frac{3}{4}$ grains),[59].—Heaviness of the eyes,[94].—Burning in the eyes,[56 59 59a].—The eyes felt larger than usual,[50].—Pressure in the eyes as though sand were in them (after twelve hours),[3].—Twitching in the eye (after eight hours),[1].—Eyes feel as though he had been awake all night (after one hour),[56].—***Brow and Orbit.*** Pressive sensations in the right eyebrow (after three hours),[56].—Pressive sensation in the superciliary ridge (after one hour),[56].—Gnawing pressure in the upper margin of the orbit, which disappears on touching the spot (after half an hour),[2].—[290.] Feeling of weight over the eyes, and headache (after half an hour),[86].—***Lids.*** The eyelids seem swollen, the whites reddish here and there; the eyes look as though he had been crying,[4].—Eyes always half

† Original corrected by Hughes.

open,[66].—Inability to open the eyelids,[48].—Accumulation of mucus in the inner canthus, in the morning (second day),[50].—Heaviness of the upper lids (after ten minutes),[56 59a].—The upper lids felt heavy from sleepiness (three-quarters of an hour after 18¾ grains),[59].—Biting in the outer surface of the left lower lid, and soon afterwards in the right lid (second day),[56].—Itching tearing in both canthi, more in the external; disappearing on rubbing (after eight hours),[5].—(Constant itching in the left inner canthus), (first day),[56].—[**300.**] (Violent itching at the left inner canthus, causing scratching), (after one hour),[56].—***Lachrymal Apparatus.*** Lachrymation and sensitiveness of the right eye, in the open air (first day),[56].—***Conjunctiva.*** *Conjunctiva red*,[59a 80].—Conjunctiva injected (three-quarters of an hour after 18¾ grains),[59].—Conjunctiva of the right eye injected, with slight burning, and some lachrymation (after twenty minutes),[56].—***Ball.*** Eyes open, turned in various directions,[24].—Eyes protruded, moving convulsively,[33].—*Distortion of the eyes*,[27 79].—**Squinting*,[91].—Eyes so insensible that the eyelids did not wink when the cornea was touched,[95].—[**310.**] Aching in the eyeballs, especially on moving them outward and upward (after one hour),[56].—Sensation of pressure upon the eyeballs, which were very sensitive to hard pressure,[56].—Sensation of pressure on the right eyeball, the upper and outer part of which is sensitive to touch (first day),[56].—Pressive sensation in the eyeball, with heaviness in the upper lids,[56].—Pressive sensation in the right eyeball, especially on turning it outward and upward (second day),[56].—Slight pressive sensation in the eyeballs (first day),[56].—Right eyeball somewhat sensitive and the pupil smaller than usual,[56].—***Pupil.*** ***Pupils dilated**,[70 75 77], etc.; (one case, after 18¾ grains),[59a].—**Pupils dilated, insensible*,[94].—Both eyes dilated and immovable, with photophobia,[94].—[**320.**] Dilatation of the pupils, gradually increasing,[61].—Pupils slightly dilated (about five hours after first dose),[92].—Pupil of left eye much dilated, and insensible of the influence of light, but there was no photophobia,[86].—Pupils much dilated, but they contracted under the influence of light, though more slowly than usual (after several hours); movable, but still somewhat dilated (second morning),[86].—Pupils widely dilated and immovable; she complained of intolerance of light, and shaded her eyes with her hands, not by closing the lids (after several hours),[86].—*Pupils greatly dilated*,[62 68] (after half an hour),[2], etc.—Pupils greatly dilated, and almost insensible to light,[66].—*Pupils excessively dilated*,[67 80 93].—*Extreme dilatation of the pupils*,[71 87].—Pupils so dilated that the iris appeared as a mere threadlike rim (after four hours),[90].—[**330.**] Pupils dilated to such a degree that the iris was completely hid behind the cornea (in the man),[93].—Pupils at first dilated, then contracted,[51].—After large doses it causes dilatation of the pupil, though sometimes, after very large doses, this is preceded by a transient contraction,[60].—Pupils contracted,[4] (one hour after 15 drops),[56].—Pupils, especially the right, smaller than usual (after one hour and a half),[56].—The pupils smaller, the right more so than the left; neither completely round (after one hour),[56].—Pupil of the right eye smaller and angular (after three hours), with some sensitiveness of the eyeballs, as from pressure (after three hours),[56].—Right pupil smaller than the left; the left is even smaller than usual (four hours after 12 drops),[56].—Pupils smaller after ten hours than after one hour,[56].—The pupils become smaller as the headache becomes worse (second day),[56].—[**340.**] The pupils are not quite round (first day),[56].—***Vision.*** Increased sensitiveness of the eyes to the light,[60].—Photophobia (with lachrymation in the open air), (first day),[56].—Photophobia; lids closed against the light,[94].—Slight photophobia,[66].—The

sight for a long time was very acute,[48].†—Farsighted, with great clearness of vision and dilated pupils; the farsightedness lasts several days, and goes off gradually (after three hours),[3].‡—Impaired vision,[84].—Diminished vision,[9].—Vision uncertain,[80].—[350.] Weakness of vision,[43 59].—Weakness of vision, so that letters cannot be distinguished,[60].—Vision became weak, the conjunctiva somewhat injected (after $4\frac{3}{4}$ to $5\frac{1}{4}$ grains),[59].—Vision for a distance worse than usual (it was always bad), (first day),[56].—Shortsighted for four days,[14].—Shortsighted; he is scarcely able to recognize anything at the distance of three paces,[5].—Troubled vision (after three hours),[88].—**Obscuration of vision*,[28 40 48].§—Obscuration of the eyes,[27].—**Obscuration of vision; objects seem indistinct; he is nearsighted, and is obliged to hold the book nearer than usual when reading* (after one hour),[5].—[360.] Dimness of sight,[60].—**Dimness of vision, as if a veil were before the eyes*,[8].—Sensation as though a veil were drawn before the right eye (after three hours),[1].—*It seems as though a veil were before the eyes; he could see scarcely three steps*,[78].—Cloudiness and weakness of vision, with a normal state of the pupils (seven hours after $3\frac{1}{4}$ and 4 grains),[59].—They run against all objects which stand in their way, with open, wild eyes,[11].—They drank freely and without difficulty, but one always carried the jug upside down to her mouth (after eight hours),[72].—They lost in succession sight, hearing, and speech,[77].—She wanders about the town blind and senseless,[27].—Transient amaurosis,[36].—[370.] Double vision,[74].—The vision seems as if objects were reversed, dim, and without lustre, and the brain seems obscured,[24].‖—Illusions of vision; when sewing, sticks the needle in the wrong place,[48].—They cry out that near objects will fall, and grasp at them,[42].—Objects seemed larger and brighter than usual, for three days,[50].—**Deceptive vision; the flame of one light seemed smaller, that of another larger, though both were of equal size* (after ten hours),[1].—All objects became brighter and smaller, as though viewed through a lorgnette; on attempting to read there seemed to be an indistinct yellowish umbra about every black letter, which lasted for one day; subsequently some words seemed in a remarkable manner unnaturally large, though when viewed with the right eye they were like the other words,[61].—Illusions of vision; nine persons saw all objects in a scarlet-red light (after eating the root),[25].—Illusions of vision; objects seem fiery red,[47].—Illusions of vision; everything seems like gold,[37].—[380.] **Illusions of vision;* small objects seem very large.[19¶ 21** 47].††—Illusion of vision; while reading the letters seemed to move, and looked like ants running together,[48].—Flickering before the eyes,[74].—Flickering before the eyes; dark points rapidly move to and fro (after one hour),[5].—Visions of stars and sparks; also all objects seemed to be cut into teeth or covered with points; all white objects seemed surrounded by colored rings,[94].—Sometimes she saw stars and sparks before her eyes, and had peculiar illusions; all white objects appeared to her surrounded by rings or borders, in which yellow predominated; if she looked into a cup, the edges appeared yellow, but the interior seemed as if there were small animals moving in it (after several hours); at intervals muscæ volitantes, and objects appeared to be strongly illuminated and to have colored edges (second day),[86].

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† Original corrected by Hughes.
‡ Curative reaction in a very nearsighted subject.—Hahnemann.
§ Greunewald, omitted by Hughes.
‖ Add, "on the following morning."—Hughes.
¶ A spear of grain looks like a stick of timber, a drop of water like a lake.
** A lark looks like a goose. †† Letters seem unusually large.

Ear.—On hawking it seems as though something obstructed the ears,[2]. —A sudden (indescribable) pain in the right ear, towards evening,[4].—Transient dull pain in the ears, especially in the left (second day),[56].—Sharp stitches extend into the ears, pressure in the temples, confusion of the head (after one hour),[5].—[390.] Tearing in the cartilages of the ears, aggravated by pressing upon them (after fifteen hours),[5].—***Hearing.*** Hearing weakened; she only paid attention to loud sounds,[66].—*Hearing completely lost,[68].—Some noise in the ears (after several hours),[86].—Roaring in the ears,[60 94].—Aggravation of the usual roaring in the right ear,[53].—Sounds in the ears as of bells (after one hour),[1].

Nose.—Objective. Sneezing; dryness of the nasal mucous membrane,[59].—Frequent sneezing without coryza (after one hour and a half),[3]. —Sneezed frequently, with a sensation of approaching coryza (which now developed itself), (during two last doses),[59].—[400.] Increased secretion of thick tenacious nasal mucus mixed with blood (second and third days),[60]. —Discharge of blood from the nose,[59 59a].—Nosebleed,[1 17]; (second day),[60].—Nosebleed, relieving the head,[51].—***Subjective.*** *Dryness of the nose,[1].—The nasal cavity became dry and painful at the root of the nose; very little mucus, mingled with blood, was secreted (after 11¼ grains),[59].—Heat, even perceptible externally; in the lower portion of the nose, internally and externally (after one hour),[5].—**Pressing pinching in the root of the nose,* and in the zygomata (after one hour),[5].—**Sudden jerking from above downwards in the root of the nose* (after one hour),[5].—***Smell.*** Diminished smell,[60]. —[410.] **Loss of smell and taste,*[1].

Face.—Objective. Intoxicated look for a long time,[11].—**He has a laughing expression during sleep,*[1].—Dull, haggard look,[95].—Looked rather confused (second morning),[86].—Face lurid (after two hours),[14].†—Face brown and turgid,[78].—**Countenance flushed,*[84].—**Flushed and excited countenance,*[89].—Face and neck flushed, swollen, and dry (about five hours after first dose),[92].—[420.] **Redness of the face,*[62].—Redness and congestion of the face, which went off in half an hour (after 11¼ grains),[59].—**Face red, distended,*[9].—**Face red, turgid,*[79].—Face dark red, with blue lips,[68].—His face became bluish,[96].—**Paleness of the face,*[41].—The man's countenance pale,[93].—**Face pale,*[79].—Pale, sunken face,[59].—[430.] Face pale and covered with perspiration,[70].—Features pale, lips blue (soon),[89].—Frequent changes in the color of the face,[42].—Face swollen, brownish-red,[8].—Face and neck bloated,[91].—**Face distorted,*[77 80].—Face distorted, livid, lurid, with the mouth standing open,[12].†—*Twitching of the muscles of the face,[91].—***Subjective.** **Heat and redness of the face,*[1]; of the skin of the face,[59a].—Heat of the face, especially of the lobules of the ears, with somewhat increased redness of the face and greatly dilated pupils,[4].—[440.] Burning heat in the face, in a warm room,[4].—Face cold, pale,[23].‡—***Cheeks.*** Twitching in the cheeks,[1].—***Lips.*** Distortion of mouth,[68].—Mouth distorted by risus sardonicus,[95].—The mouth was drawn obliquely; this drawing soon extended over the whole face, and afterwards over the whole body, and became more and more violent,[71].—Blisters on the lower lip, as large as peas,[80]. —Small white blisters on the lips,[80].—Painful fever blisters on the lips,[1].—Margins of the lips dry,[66].—***Chin.*** [450.] Chewing impeded,[23].—**Closure of the jaws, with consciousness* (after twenty-four hours),[1b].—Jaws locked,[95].—Trismus,[68].

Mouth.—Teeth. Teeth and all the mouth covered with a yellowish

† Original corrected by Hughes. ‡ Previous to death.—HAHNEMANN.

mucus, the taste disgusting; in the morning (after 18¾ grains),[59].—Looseness of the teeth, with aching and tingling in them,[1].—Gnashing of the teeth,[79].—Sometimes they would grind their teeth, and push out their tongues, *which were shaken to and fro with a trembling movement* (after eight hours),[72].—Frightful grating of the teeth,[80].—Toothache,[20]. (Cases 20, 39.)—[460.] Toothache, especially on chewing, as if the teeth would fall out,[1].—Toothache during the perspiration,[20]. (Case 40.)†—Toothache, the gum of the left side seemed swollen, with dull pain in the teeth of the upper jaw,[4].—A painful drawing in a single tooth, here and there, as if the tooth would become hollow,[4].—Pressive-jerking toothache in a hollow tooth, which extends to the temples; on biting on the tooth it seems as if it were too long and loose (not aggravated on drawing in the air), (after four hours),[5].—Tearing toothache, in the morning, with rush of blood to the head, as if spitting of blood were imminent,[1].—Toothache; tearing in the gum, especially on the entrance of cold air,[1].—Pain in the soft parts behind the teeth, between the cheeks and gums (in the evening during the febrile heat),[2].—***Tongue.*** Tongue pale red, dry and rough,[66].—Thick coating on the back of the tongue,[80].—[470.] White-coated tongue,[59].—Tongue coated white or yellowish,[59a].—She put out her tongue very slowly and with difficulty; it was swollen, brown and very dry (after four hours),[90].—**Paralysis of the tongue,*[63 64 65].—All three felt their tongues paralyzed and their throats so constricted that they had to take the last mouthful out of their mouths with their fingers,[93].—**Tongue dry,*[84].—Tongue dry, clean,[14].—Tongue and mouth parched (about five hours after first dose),[92].—Heaviness of the tongue,[59a].—A feeling of numbness in the middle of the tongue, as if it had been burnt with hot food, very much aggravated on talking or drawing in the breath,[4].—[480.] Burning and dryness of the tongue and lips; they look like singed leather,[48].—***General Mouth.*** *Offensive odor from the mouth,[59a].—Offensive breath and odor in the mouth, which he himself noticed, in the morning on rising (after twenty-four hours),[1b].—Mouth dry,[67] (after 2 to 3¼ grains); decreased (after 3½ to 4½ grains),[59].—**Dryness of the mouth, lips, and fauces,*[60].—Dryness of the lips, of the tongue, of the soft palate, and the whole mucous membrane of the buccal cavity (two hours after 1¼ grains),[59].—Dryness of the mouth with the usual accessories; taste metallic; head confused (one hour and a half after 18¾ grains),[59].—Dryness of the mouth and throat, with hoarseness (after 2 grains),[59].—Dryness of the mouth increased, taste disgusting, the tongue furred yellow (seven hours after 3¼ and 4 grains),[59].—Great dryness of the mouth,[74].—[490.] Great dryness of the mouth and throat, in the morning; no saliva in the mouth; without thirst,[50].—Mouth and fauces become exceedingly dry (after 4¾ to 5¼ grains),[59].—Mouth felt thick (after several hours),[86].—Lips, tongue, and mouth appeared thick (after several hours),[86].—Feeling of warmth and dryness in the mouth and fauces,[59a].—***Saliva.*** Accumulation of saliva,[1].—Accumulation of saliva with salty taste,[4].—Great accumulation of saliva,[4].—Bloody saliva in the mouth, with bloody sweetish taste (after a few hours),[4].—Frequent ecptysis,[20]. (Case 21.)—[500.] Slavering,[42].‡—Diminished secretion of saliva,[60].—***Taste.*** Pasty taste,[59].—Flat, pasty taste,[59a].—Disagreeable taste in mouth (after several hours),[86].—Mouth unpleasant,[1].—Bitterness in the mouth, in the morning, but food does not taste bitter (after twenty-four hours),[1b].—Bitterness in the mouth, and bitter eructations,[20]. (Case 28.)—Taste bitter,[55].

† Nine days after leaving off the medicine —HUGHES.
‡ Original corrected by Hughes.

—Nauseous bitter taste,[56].—[**510.**] Loathsome bitter taste in her mouth (after several hours),[86].—Sharp and bitter taste, causing vomiting,[77].—The saliva tastes salty,[1].—***Speech.*** **Speech impaired,*[8].—**Speech confused,*[80].—Inability to speak distinctly,[71].—**Speech difficult and irrational,*[78].—He muttered but few inarticulate sounds,[96].—Sometimes uttering inarticulate sounds, and again speaking some words quite distinctly,[66].—They lost their speech,[95].—[**520.**] Speechless, with wild look,[68].—**Dumb,*[28 36 44].

Throat.—Objective. Frequent expectoration of mucus from the fauces by hawking (after a quarter of an hour),[3].—**Spasm of the throat,*[64 65].—The back of the throat is affected; he points to it with the finger, as if something were sticking in it,[23].—***Subjective.***—Dryness of the throat,[8].—Dryness in the throat (fauces horridæ),[48].—Throat dry and constricted, with difficult swallowing,[78].—Great dryness in the throat (after ten minutes),[90].—Great dryness of the throat, and thirst,[2].—[**530.**] Burning heat in the throat,[45].—*Constriction in the throat,*[27 36].—Violent constriction of the throat so that she was unable to chew and swallow food,[63].—***The throat feels constricted, impairing swallowing,**[8].—Pressure in the throat as from a swelling, when swallowing and when not,[4].—Biting sensation in the back of the throat,[1].—Scraping in the throat,[51].—Scraping and dryness in the throat,[51].—Scraping and roughness in the throat,[50].—Scraping in the throat, with hoarseness,[59a].—[**540.**] Distressing scraping sensation in the throat and on the palate, as after too much speaking,[4].—Roughness and scraping in the throat and on the tongue, with quite moist mouth,[4].—***Fauces.*** Dryness of the fauces,[88].—Dryness and tickling in the fauces,[59].—Peculiar warmth, dryness, and scraping in the throat and fauces,[59].—***Swallowing.*** ***Swallowing difficult,**[66 67].—**Swallowing very difficult,*[68].—At the dinner table he wanted everything he could see or reach, yet could not swallow readily,[91].—***Inability to swallow,**[44 23† 87] (after six hours).—He desired to drink, but was unable to swallow,[4].—[**550.**] **Inability to swallow; twice he spits out the fluid taken into the mouth,*[24].—Inability to swallow, on account of the dryness of the mouth and fauces,[60].—The throat seems so contracted and dry that a swallow of tea threatens to suffocate him,[24].‡—***External***

† Original corrected by Hughes.

‡ If one groups the S. 522, 524, 527, 529, 530, 548, 764, 525, 552, 565, 566, 88, 89, 531, 533, 548, 550, 568, 549, 499, 968, together with the symptoms of the mind and disposition, 1, 8. 62, 83, 101, 113, 76, 79, 81, 87, 102, 111, 951, 974, 1015, 1016, 1017, with the convulsions, 863, 1167, 1169, and some others, 422, 433, 1103, 1122, 1123, there appears a tolerably accurate picture of the ordinary hydrophobia caused by the bite of a mad dog, which, therefore, may and must be frequently cured homœopathically by Hyoscyamus. The true history of this fearful disease exhibits several varieties in men, for each of which must be given an exactly appropriate remedy; among these Hyoscyamus is not the last. For other cases Stramonium or Belladonna is the exact homœopathic remedy according to the character of the attack. Belladonna has already made some complete cures, and it would have made more if other substances had not been combined with it impairing its power, and especially if it had not been given in such excessive doses, and thus at times the patient murdered by the remedy. *Large doses of drugs which are homœopathic to a disease are far more injurious than others which have no similarity, or which have an opposite (antipathic) relation to the disease. In homœopathic practice, when the totality of the symptoms of a disease is similar to the symptoms of the remedy, it is certainly a crime to give doses that are not very small, indeed, as small as possible; if, under such circumstances, doses are given of the size administered in the old blundering way, they act as real poisons and are murderous.* This I declare, convinced by a thousandfold experience, universally true of the exhibition of homœopathic remedies in general, and especially when the disease is acute, but more particularly true of the use of Belladonna, Stramonium, and Hyoscyamus in hydrophobia, each according to its

Throat. Veins of the neck, extremities, and more particularly those of the face, were very much distended,[96].—[A swelling which suppurates on the left side of the neck],[20]. (Case 36.)†—A tetanic contraction of the anterior muscles of the neck so excessive that it was impossible to lay the head on the pillow,[93].—Sudden violent sticking in the right side of the neck (in the region of the upper insertion of the sterno-cleido-mastoid muscle), relieved by pressure with the thumb (second day),[56].

Stomach.—Appetite. *Unusually great appetite (at noon),[55a]; (after one hour and three-quarters),[56].—Appetite lessened (after 2 to $3\frac{1}{4}$ grains),[59 59a].—Appetite and strength diminished from day to day,[20].‡—[560.] Appetite much diminished (after $11\frac{1}{4}$ grains),[59].—Loss of appetite,[33].—Loss of appetite, with natural taste,[1].—*Will not eat or drink,[71].—Aversion to food, with white coating on the tongue, pasty taste, and offensive odor from the mouth (after $4\frac{3}{4}$ to $5\frac{1}{4}$ grains),[59].—***Thirst.*** Thirst and dryness in the throat,[11].—Thirst caused by a sticking dryness in the throat (after two hours and a half),[2].—**Great thirst*,[59 84.40].§—Intolerable thirst,[9]; unquenchable,[40].—Insurmountable aversion to every kind of beverage,[96].—[570.] ***Eructation and Hiccough.*** Ineffectual efforts to eructate,[56].—Ineffectual efforts to eructate; half suppressed incomplete eructations, lasting ten hours,[1b].—Eructations,[59 59a].—Eructations and nasty taste, with inclination to vomit (two hours and a half after $18\frac{3}{4}$ grains),[59].—Empty eructations,[55 56], etc.—Frequent empty eructations (after one hour and a half),[3].—Frequent tasteless eructations,[4].—Hiccough, with cramps and rumbling in the abdomen,[20]. (Case 28.)—*Frequent hiccough* (after one hour and a quarter, and later),[3].—Violent hiccough, two midnights in succession, with involuntary micturition and frothing from the mouth,[20].‡—[580.] Most violent hiccough, with constipation,[20].‡—Most excessive hiccough, at night, with diarrhœa,[20].‡—Most excessive long-continuing hiccough, after dinner,[20].‡—A kind of heartburn, soon, and also returning in the afternoon,[52].—***Nausea and Vomiting.*** *Nausea*,[1 20]; (Case 10,)[27], etc.—Nausea, amounting even to vomiting (after 1 grain),[59].—Nausea caused by external pressure on the pit of the throat, which afterwards continued of itself, but disappeared on stooping (after half an hour),[2].—Nausea, qualmishness,[4].—Nausea, vomiting,[7].—Nausea, and in one case vomiting,[59a].—[590] Nausea and vertigo,[20]. (Case 13.)—Considerable disgust after taking the dose (after $3\frac{1}{4}$ and 4 grains),[59].—Qualmishness,[1].—Sick at stomach, but does not vomit (nausea),[91].—Ineffectual retching,[68].—Ineffectual efforts to vomit from time to time,[71].—**Vomiting*,[17 20]. (Cases 6 and 7,)[21 27].—The woman who had eaten the least soon began to vomit,[93].—For several days he could only with difficulty retain food without vomiting,[7].—Frequent vomiting,[21a].—[600.] Vomited copiously after drinking coffee,[86].—Profuse vomiting, consisting of white, very tenacious mucus,[20]. (Case 21.)—Vomiting watery, with vertigo,[20]. (Case 28.)—Vomiting of green bile and profuse perspiration, followed by

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kind; let no one come to me and say, "A certain case has had one of these three remedies, even in the strongest doses, and not too seldom, but every two or three hours, and nevertheless the patient has died." Just so, I say from full conviction, *just on this account has he died and thou hast killed him;* hadst thou administered the smallest portion of a drop of the fifteenth or thirtieth centesimal dilution of the juice of one of these herbs (in certain cases, a second dose after three or four days), then the patient would certainly have been saved.—HAHNEMANN.

† The abscess was in the parotid gland; it never closed, and the patient died with pulmonary disease.—HUGHES.

‡ Not found.—HUGHES.

§ Original corrected by Hughes.

mental quiet,[20]. (Case 12.)†—***Stomach.*** Inflammation in the stomach,[6].—Weakness of the stomach,[42].‡—Pain in the stomach,[20]. (Case 21.)—Feeling of warmth in the epigastric region, rising towards the chest,[56].—Heat in the pit of the stomach,[56].—Burning in the stomach,[9].—[610.] Fulness in the epigastric region, with a distressing sensation of tension in the abdomen, in the evening,[4].—Constriction about the pit of the stomach,[12].—Pressure in the stomach after drinking water,[52].—Frequent attacks of pressure in the pit of the stomach, which impedes respiration,[1].—Paroxysmal pulsating pressure in the stomach; afterwards this pressure returned and extended up to the right side of the chest,[52].—Gnawing pressure in the stomach (after a quarter of an hour),[52].—Pressive pain in the stomach,[51].—Oppression of the stomach (after $11\frac{1}{4}$ grains),[59].—Weight in the stomach,[42].§—*The epigastric region is sensitive to touch and painful,[1].

Abdomen.—Hypochondria. [620.] Sensation as of incarcerated flatulence in the left hypochondrium (after two hours),[52].—Some stitches in the hepatic region (after half an hour),[1].—***Umbilical.*** Movings in the umbilical region and slight griping,[56].—Griping in the umbilical region,[56 59].—Griping as from flatulence in the umbilical region (fourth day),[56].—Pressure in the umbilical region,[1].—Violent pressure in the umbilical region, sometimes less on pressure,[51].—Cutting and griping in the umbilical region, like that preceding diarrhœa; lasting two or three minutes,[56].—Slight momentary cutting and griping in the umbilical region (after ten minutes),[56].—**A sticking in the umbilical region, during inspiration* (after five hours),[1].—[630.] Sticking pain beneath the umbilicus, when walking,[1a].—***General Abdomen.*** Abdomen distended, not sensitive,[68].—Abdomen distended; epigastrium not tender,[84].—Considerable swelling of the abdomen, with necessity to breathe deeply; sour eructations and diminished stools (seven hours after 4 grains),[59].—Unusual flatulence, after a very moderate supper; frequent though difficult emission of flatus (after fourteen hours),[1].—Rumbling in the abdomen, with violent diarrhœa,[20]. (Case 31.)—Rumbling in the abdomen, even during the diarrhœa,[20].‖—Loud rumbling in the abdomen,[56].—Discharge of flatus (two hours and a half after $18\frac{3}{4}$ grains),[59].—Passage of large quantities of flatus (first day),[56].—[640.] Passed a large quantity of flatus (after second dose),[55].—Emission of very large quantities of flatus,[55].—Spasmodic contraction of the abdominal muscles, as if something alive were within them (after three hours),[1].¶—Feeling of hardness in the abdomen.[1].—Pain in the abdomen,[20]. (Case 39),[24 42 48].—Feeling of warmth in the upper and middle abdomen, lasting a quarter of an hour, passing off with the discharge of flatulence,[55].—Feeling of warmth in the abdomen, becoming after ten minutes a slight cutting, and followed by rumbling and gurgling like that preceding diarrhœa,[55].—Burning sensation in the right side of the abdomen, in a circumscribed spot (second morning),[52].—He screams on account of pains, which seem as though they would burst the abdomen; he thrusts the fists into his sides,[48].—Griping in the abdomen,[55 59a].—[650.] Slight griping, with soft stool (after $11\frac{1}{4}$ grains),[59].—*Pinching in the abdomen* (after twenty-six hours),[1b].—Drawing pain in the intestines (after nine hours),[1b].—Pinching drawing in the abdomen, with emission of much flatulence (after three hours),[2].—Pressive flatulent colic

† After rage.—HUGHES. ‡ The day after.—HUGHES.
§ Afterwards S. 605; original revised by Hughes.
‖ Not found.—HUGHES.
¶ From the exhalation of the herb.—HAHNEMANN.

in the upper abdomen; it distends the abdomen in the evening after lying down,[1b].—Cutting in the whole abdomen,[59].—Cutting pains in the intestines, accompanied by drawing in the small of the back,[59].—Cutting colic,[1].—Transient sticking in the left side of the abdomen,[52].—Colicklike pain,[43].—[660.] Excessive flatulent colic, in the morning after rising from bed; a griping pressing downward, like a weight in the lower abdomen, with qualmishness and pain in the back, as if beaten, without emission of flatus, during motion and rest (after twenty-four hours),[1].—**Painful sensitiveness of the abdominal walls*,[1].—**Pains in the abdominal muscles, as if he had fallen upon them, while sitting* (after two hours),[1a].—**Pain in the abdomen (abdominal muscles), as after excessive exertion or a strain* (in the morning, immediately after waking),[1].—***Hypogastrium.*** Hypogastric region distended and sensitive,[96].—**Distension of the hypogastrium, which is painful to touch*,[11].†—***Cutting low down in the abdomen***,[1].—Transient attacks of cutting in a spot low down in the abdomen, beneath the pubes (after six hours),[1].

Rectum and Anus. [Hæmorrhoidal flux, for eight days],[18].‡—Feeling of heaviness in the rectum, as if it should be evacuated,[55a].—[670.] Tenesmus and burning in the anus,[59].—Great irritation of the perineum (1 case),[59].—Urging in the rectum, as if he must go to stool (after a quarter of an hour),[2].—Urging to stool (after one hour),[2].—Urging to stool, as though diarrhœa would follow (after three-quarters of an hour),[2].—Urging to stool, with passage of only flatulence,[55].—*Frequent desire for stool*,[1].§—Constant desire for stool (second day),[56].

Stool.—Diarrhœa. *Diarrhœa*,[9 20]. (Case 12),[27].—Diarrhœa, day and night,[1a].—[680.] Diarrhœa, with inclination to vomit, without vomiting (second day),[60].—Moderate diarrhœa,[7 20]. (Case 7.)—Slimy diarrhœa,[20]. (Case 18.)—[Diarrhœa, slimy, exhausting],[43].‖—*Watery diarrhœa,[20]. (Case 28.)—The motions were, on the whole, rather increased,[59].—Frequent stool,[20]. (Case 4),[21a].—Is frequently obliged to go to stool, but the stools are natural,[1].—Several liquid stools, with thirst, rapid, small pulse, great prostration, heat of the head, pain in the occiput, obscuration of vision (commencing after an hour, and becoming very violent; from one grain),[59].—***The stool passed involuntarily in bed*** (after two hours),[1].—[690.] One pasty stool five hours before the usual time (after one hour and a quarter),[2].—Copious mushy stool, with scanty micturition (after three-quarters of an hour),[3].—Large, soft stool (in one individual),[59].—Stool soft, rather increased, never, however, amounting to diarrhœa,[59a].—Soft stool, in small, fine pieces,[4].—Profuse discharge of threadworms,[20]. (Case 30.)—***Constipation.*** Constipation,[71].—[Constipation],[24].¶—Constipation, hard stool with mucus in it, with pain in the anus during the discharge; five days in succession,[1a].—

† Original revised by Hughes.

‡ After removal of colic by Hyoscyamus.—Hughes.

§ The desire for stool and frequent evacuations caused by Hyoscyamus alternate with delayed stool and absence of desire; although the former seemed to be especially the primary effect, there indeed seemed to be a twofold alternate effect, much desire, with infrequent and profuse evacuation (S. 700. 672, 673, 674, and little desire, with scanty or no evacuation, 697, 702; also with frequent evacuation, S. 687; yet the frequent desire, with scanty and infrequent evacuations, is the chief alternate effect).—Hahnemann.

‖ During resolution of pulmonary congestion, stools compared to sputa, which they probably were.—Hughes.

¶ Merely a statement that no stool had passed from the ingestion of the poison, at 4.30 P.M., till night.—Hughes.

Constipation and impeded micturition, with urging to urinate,[1].—[700.] Constipation for four days, with frequent pressure in the umbilical region, as from fulness in the abdomen, together with frequent desire to go to stool, without tenesmus in the rectum and anus,[1].—Stool three hours later than usual (first day); four hours earlier (second day),[1b].—Sluggish stool,[43].†—Scanty stool (after 2 grains),[59].—At first solid stool, several hours after the usual time (after six hours),[2].—Stool hard and insufficient,[51].

Urinary Organs.—Bladder. Spasmodic contraction in the region of the bladder, with frequent urging to urinate,[59a].—**Paralysis of the bladder*,[1].—***Micturition.*** Urging to urinate,[54].—(Frequent urging to urinate, with scanty urine (first two days); profuse urine), (third and following days),[3].—[710.] Micturition frequent, but the amount of urine not increased,[56].—Frequent micturition at night,[55 56].—Micturition more frequent and urine more profuse than usual,[56].—Very frequent micturition, with rumbling in the bowels,[20]. (Case 17.)†—**Micturition difficult, not without pressing*,[20]. (Case 11.)—Bladder so influenced as not to discharge its contents but by partial efforts (after two hours),[81].—Dysuria,[36].†—**Retention of urine*,[14].—Suppression of urine for twenty-two hours,[68].—Urine suppressed, with dragging in the bladder,[1].‡—***Urine.*** [720.] Copious urine,[20]. (Cases 4 and 8.)—[Copious urine, sleep, perspiration, diarrhœa, followed by mental activity],[20]. (Case 15.)§—Profuse urine,[42].—Urine more profuse and lighter colored than usual,[55].—Profuse urine, clear as water; he was obliged to urinate several times at night, contrary to his custom,[4].—Profuse urine during the menses,[20]. (Case 17.)—Profuse urine and perspiration, during the menses,[20]. (Case 18.)—Scanty secretion of urine,[96].—Urine quite natural, light color,[91].—Urine yellow, turbid even while passing, afterwards depositing a whitish gray sediment,[1b].—[730.] Urine dark, much less than usual,[51].

Sexual Organs.—Male. Excitement of the genitals, erections without excited fancies (after half an hour),[2].—Frequent and constant erections, after a meal (after five hours),[2].—Tearing drawing pains in the testicles,[59].—Impotence in a man, lasting two months,[35].—Perfect impotence,[76].—Desire for coition,[1].—Great sexual desire during the day,[55].—Unusually great sexual desire, preceded by long-continued indifference,[55].—***Female.*** **Laborlike pains, previous to menstruation, in the uterus, with drawings in the loins and small of the back*,[1].—[740.] Feeling of soreness and burning at the entrance of the vagina (after one hour),[1].—Menstruation recurs on the fourteenth day,[1].—**Menstruation appears with profuse perspiration, headache, and nausea*,[20]. (Case 31.)—**Profuse flow of the menses*,[20]. (Case 15.)||—Profuse flow of the menses [with delirious prattling],[20]. (Case 15.)—Menses delayed,[20].—Menstruation delayed for some days,[1].—Menstruation suppressed,[1].

Respiratory Organs.—Larynx, Trachea, and Bronchi. *Much mucus in the larynx and air-passages, which makes the speech and*

† Original revised by Hughes.

‡ The desire in the bladder to urinate, and the loss of its irritability, scanty and copious secretion of urine, alternate in Hyoscyamus, so that there is much desire to urinate, with scanty or profuse discharge of urine; also inactivity of the bladder, with scanty or very profuse secretion of urine, may at the same time be present; still, much urging to urinate, with scanty discharge, seems to be the chief and most frequent primary action.—Hahnemann.

§ Curative action.—Hughes.

|| Hæmorrhage seems to be the primary effect of Hyoscyamus, hence its usefulness in metrorrhagia, when the other symptoms correspond to those of Hyoscyamus.—Hahnemann.

voice rough (after half an hour),[2].—Inclination to cough,[50].—[750.] Sensation as if something were seated in the air-passages, which could not be discharged by coughing,[1].—Respiration irregular, stertorous,[94].—The man's breathing was rattling and difficult,[93].—Stertorous breathing, as in apoplexy,[14].†—Suffocative snoring on inspiration, during sleep (after fourteen hours),[1b].—Respiration short and difficult,[68].—Labored respiration,[89].—Constant need to sigh,[36].—Difficult breathing,[20]. (Case 21),[27 95].—Difficult respiration, alternating with rattling of mucus,[12].—[760.] He breathes with difficulty, and makes violent gestures with the hands, with constant burning heat and spasms,[23].—Dyspnœa.[27].‡

Chest.—Tight sensation across the chest, as after too great exertion in speaking or running,[4].—Squeezing in the upper part of the chest, distressing but not painful, aggravated neither by walking nor speaking (after six hours),[4].—Dryness and consequent fine sticking in the larynx (after one hour),[2].—Violent sticking in the larynx, followed by dry cough, with sweetish taste of blood,[51].§—***Voice.*** Voice hoarse (after 2 to $3\frac{1}{4}$ grains), (after $18\frac{3}{4}$ grains); regained its clearness (after $3\frac{1}{2}$ to $3\frac{3}{4}$ grains),[59].—Great roughness and hoarseness of the voice,[60].—***Cough and Expectoration.*** ***Cough at night,**[1].—[*Cough worse at night*],[20]. (Case 40.)‖—[770.] ***Frequent cough at night, which always wakes him, after which he again falls asleep** (after thirty hours),[1].—***Almost incessant cough, while lying down, which disappears on sitting up,**[1].—**Dry spasmodic persistent cough,*[20]. (Case 29.)—***Dry cough at night,**[1].—*Dry hacking cough,*[1].—**A dry tickling, hacking cough, which seems to come from the air-passages,*[4].—Greenish expectoration with the cough,[1].—***Respiration.*** Respiration,[36], but not stertorous (after six hours),[87].—Respiration unequal, stertorous, generally with simultaneous twitchings of the limbs,[86].—Pressure on the right side of the chest, near the ensiform cartilage and last two ribs, with great anxiety and oppression of breathing (after six hours and a half),[2].—[780.] Pressure in the lower portion of the right side of the chest, which on ascending steps is accompanied by great anxiety and shortness of breath (after six hours),[2].—Hard pressure, with stitches in the chest (after three hours),[2].—Oppressive pressure upon the chest, with internal sticking, worse on inspiration (after three-quarters of an hour),[2].—Oppression of the chest, like shortness of breath, together with violent beating of the heart (after three hours),[5].—Oppression of the chest, causing deep inspiration,[56].—Sticking in the chest,[42].†—***Front.*** Excessively distressing sensation, rising suddenly from the pit of the stomach towards the sternum, and up along both sides of it,[56].—Sudden pressure upon the sternum above the pit of the stomach, after eating (after quarter of an hour),[2].—***Sides.*** (Burning pain in the left side, in the evening),[1].—Stitches in the right side,[1a].

Heart and Pulse.—Præcordium. [790.] Feeling of tightness in the præcordial region, causing deep inspiration, which relieved,[55].—Pressure and anxiety in the præcordial region, causing deep inspiration,[56].—Oppression at the præcordial region (after one hour),[56].—Slight momentary oppression in the præcordial region, causing sighing,[56].¶—Oppression of the heart, with slight transient stitches (after one hour),[56].—Tearing-sticking

† Original revised by Hughes. ‡ Not found.—Hughes.

§ He had this symptom now and then for several years, sometimes after speaking or reading.

‖ After a cold.—Hughes.

¶ This symptom had been frequently observed since the proving of Colchicum, but never before.

pains in the region of the heart,[59a].—Momentary stitches in the region of the heart, causing deep respiration, alternating with yawning,[55].—Very transient stitches in the præcordial region (after half an hour),[56].—Violent stitch in the præcordial region (after one hour),[56].—Feeling of soreness in the region of the heart, beneath and somewhat to the left of the left nipple, in a spot as large as a penny, alternating with slight stitches,[55].—[**800.**] Feeling of soreness and tightness in the præcordial region, causing sighing,[55].—***Heart's Action.*** Action of the heart violent, throbbing,[79].—Heart's action violent, irregular,[79].—Heart's action tremulous, irregular,[80].—Heart in a state of tremulous motion, circulating the blood by the smallest and quickest possible motion, transmitting, probably, not above a twentieth of its usual volume of blood; repeating this mere tremor perhaps a hundred times in a minute, this had aroused him from sleep (before one hour),[81].—Circulation increased for twenty-four hours,[14].—Circulation somewhat quickened; pulse 100; tolerably full, but weak and equal (after several hours),[6].—***Pulse.*** Pulse accelerated (after 11¼ grains),[59].—Frequent pulse,[59a].—Pulse not hard, but frequent (144), partly in consequence of the violent movements (after several hours),[86].—[**810.**] Pulse small, frequent,[80].—Pulse rapid,[84].—Pulse rapid, full, strong,[24].†—Pulse small, rapid,[79]; (five hours after first dose),[92].—Pulse small, threadlike, very rapid (in the man),[93].—Pulse small, and rapid, about 150 (after six hours),[87].—Hurried pulse,[89].—Pulse small, hurried, and indistinct,[72].—Pulse full, soft, 100, regular,[94].—Slow pulse (in one case),[59].—[**820.**] Pulse rather slow (seven hours after 4 grains),[59].—Slow, tense pulse,[62].—Pulse small and slow,[75].—In moderate doses it causes a constant sinking of the pulse from 10 to 20 beats during the first two or three hours; the smaller the dose the slower the depression, and the larger the dose the more rapid the depression; very large doses cause a rise in the rate of the pulse; 0.1 gramme of the ethereal extract of the seeds causes a sinking of 20 beats within two hours; 0.2 gramme causes a sinking of 20 beats within one hour, and during the next half hour a rise of 11 beats, and in the following half hour a sinking again of 12 beats; 0.4 gramme causes a fall of 19 beats after twenty minutes, during the next twenty minutes a rise of 29 beats, when it becomes small and irregular, and after an hour with slight fluctuations, though constantly above the normal, slowly returning to the normal condition,[60].—The pulse began to fall (after twelve minutes), and continued to fall for an hour; it sank from 85 to 59, and became very small,[7].—Pulse 70 (before taking); 73 (after one hour and a half); 93 (after two hours); 76 (after five hours),[56].—Pulse from 80 to 90 (after several hours),[86].—Pulse 100,[91].—Pulse 144,[94].—Pulse irregular,[42].‡—[**830.**] Pulse small and irregular,[70].—Pulse small, intermitting,[68 95].—Pulse small, rapid, intermitting,[14].—Pulse small, quick, contracted, and intermittent, and easily compressible,[96].—Pulse small, scarcely perceptible, moderately slow, frequently intermitting,[74].—Pulse intermitting every 5 or 6 beats,[67].—Pulse stronger,[24].—Pulse full, 82 (soon),[89].—Pulse fuller than usual,[53].—Pulse hard,[9].—[**840.**] Pulse very small, weak,[24].—Pulse extremely small and scarcely perceptible, like a thread, not accelerated,[71].—No perception of pulsation at the wrist (before one hour),[81].

Neck and Back.—Neck. **Neck turned obliquely*,[33].§—Stiffness of the cervical muscles, they become tense, as if too short, on bending the head forward, for several hours (after one hour),[5].—A dull stiff pain in the

† Twenty-four hours after, with S. 206.—HUGHES.

‡ Original revised by Hughes.

§ In recurring attacks.—HUGHES.

nape of the neck,[4].—***Back.*** Pain in the back,[20]. (Case 32.)—(Tearing pain in the back),[1].— ***Dorsal.*** Sticking in the scapulæ,[1].—Transient stitches in the left scapula (second day),[56].—***Lumbar.*** [850.] Pains in the loins and swelling of the ankles,[20]. (Case 40.)—Repeated lumbar pains,[20]. (Case 39.)—Fixed pain in the loins,[1].—Sticking pains in the loins and sides,[20]. (Case 40.)—Pain in the small of the back, on stooping (second day),[56].—Pain in the small of the back, while walking (fourth day),[56].—Bruised pain in the small of the back, when walking (first day),[56].

Extremities in General.—Objective. **Trembling of the limbs,*[72 74].—[During menstruation very violent trembling of the hands and feet, just as if convulsed, and raving],[20]. (Case 17.)—Twitchings of the limbs, with flexions and tensions of the fingers,[94].—[860.] **Frequent twitchings of the hands and feet,*[80].—At intervals twitchings in his arms and legs; the fingers alternately extended and contracted (after several hours); still had twitching especially in legs (second morning),[86].—Slight convulsions of the extremities,[79].—Slight convulsive motions, now in the upper, now in the lower extremities;[23].—Violent convulsions of the extremities, with bending of the shoulders backwards and the body forward (opisthotonos),[67].—Constant violent distortion and tossing about of all the limbs, so that he could scarcely be kept in the arms; it seemed as though the child made ill-mannered faces; the motions bore resemblance to the most violent chorea; after the spasms remitted the eyes closed, and the child lay in an extremely passive condition, but the spasms, however, kept returning from time to time,[71].—Stiffness of limbs, as in an apoplectic attack,[68].—Tetanic rigidity of all the limbs,[66].—Chronic weakness of all the extremities,[11].†—***Subjective.*** Inclination to stretch the limbs,[55].—[870.] The limbs fall asleep,[1 32].—Paralyzed feeling in the limbs, especially the lower (second day),[56].—Pains in the limbs,[48].—Pains in the limbs and loins,[20]. (Cases 23 and 39.)—Hot burning, prickling sensation in the hands, feet, and legs (after ten minutes); some time after, in attempting to get out of bed, found her legs powerless; it was six days before she regained the use of her legs, and could not then stand without being supported on both sides,[90].—Drawing and tearing pain in the limbs,[59a].—Dull drawing pain in the joints, still more in the muscles near the joints,[4].—Tearing-drawing pains in the limbs,[59].—Sharp constant stitches in the joints of the arms and feet (after one hour),[5].—Cutting tearing in almost all the joints, especially on motion (after three hours),[5].—[880.] The knees, feet, and joints of the upper extremities feel bruised and weary (second day),[56].

Superior Extremities.—Objective. (In the evening after a movement of the bowels, a trembling of the arms),[1].—Twitching of the muscles of the arm, at night in bed,[52].—Arms convulsed,[95].—***Subjective.*** The arms felt as if warm air were breathed on them (three-quarters of an hour after $18\frac{3}{4}$ grains),[59].—Transient aching in the left upper and forearm, as if in the bone, especially in the posterior end of the humerus,[56].—Tearing in the flesh on the posterior surface of the left upper and forearm,[56].—Transient rheumatic (tearing, jerking, gnawing) pains in the outer and posterior surface of the left upper arm, and in the lower end of the left forearm bones and in the shoulder-blades (after half an hour),[56].—Prickling sensation in the arms (after the giddiness, reticulated vision and frontal headache), (after $11\frac{3}{4}$ grains),[59].—***Shoulder.*** Tension in the pectoral and dorsal muscles, at the shoulder-joint, especially on raising the arm, as if

† Original revised by Hughes.

they were too short (after six hours),[5].—***Elbow.*** [890.] A transient gout-like pain in the left elbow (first day),[56].—Pressure in the bend of the elbow if he holds the arm bent (after three-quarters of an hour),[2].—***Forearm.*** Constant stitches, as with needles, on the flexor surface of the forearm (after five hours),[5].—Itching stitches in the flexor surface of the forearm (after one hour),[5].—***Wrist.*** Dull pain in the wrists and elbow-joints, which also spreads, and is relieved on motion,[4].—Drawing pressive pain about the wrists and knuckles (after a quarter of an hour),[2].—***Hand.*** Swelling of the hands,[13].†—Swelling of the hands,[42].‡—Trembling of the right hand, with which he is writing (second day),[56].—The hands were in constant motion, even while sitting quietly; she carried first one and then the other to the mouth, as though she had something in them which she would bite and chew,[66].—[900.] Rigidity of the hands,[42].—Painful stupor of the hands,[13].§—Crawling in the left hand, as if asleep,[4].—***Fingers.*** She closes the thumb into the fist during the convulsion,[27].—Heat in the articular extremity of the last phalanx of the left little finger (first and second days); the condyle is swollen, with pressive pain, aggravated by motion, which is difficult and impeded (first and second days); two days after a renewal of the dose of the tincture, a slight sensation of painfulness and swelling of the last phalanx of the right little finger occurred,[54].—Pressive drawing on the inner margins of the fingers, on motion (after an hour and a half),[2].—Fine stitches come out of the tips of the fingers and out of all parts of the body (after a few minutes),[47].—Sensitiveness of the second joint of the right index finger; swelling of the joints; sensitive to slight external pressure (first day after 40 drops),[54].

Inferior Extremities.—Gait insecure, but the patient had perfect command over her limbs (after several hours),[86].—Gait unsteady,[80].—[910.] Walking is unsteady for a moment (after one hour),[56].—Staggering gait,[74].—Tottering,[42].‖—Excessive weariness in the legs, especially after eating (fourth day),[56].—*Weakness of the legs*,[94]; (after half an hour),[86].—Weakness and weariness of the feet and legs,[20]. (Case 8),[42].¶—Felt weak in the legs (after half an hour); she fell on attempting to go to her bed, but was able to rise and reach the bed,[86].—Was scarcely able to stand upon his feet; it seemed as though he would fall every moment,[78].—Paralysis of the lower extremities,[68 95].—Uneasiness in his legs (after 14 grains),[73].—***Hip.*** [920.] Transient stitches in the region of the left hip (second day),[56].—***Thigh.*** Redness of the nates and feet,[23].—Tensive pain transversely across the middle of the thigh, as if it were too short, when ascending steps,[1].—Cramp and pain in the right ischatic nerve, and could not put the muscles on the stretch without their becoming cramped (after two hours),[81].—Sticking drawing in the thighs, worse during rest (after one hour),[5].—Sharp stitches with cramplike pain in the left gluteal muscles (after five hours),[5].—***Knee.*** Stiffness and weariness in the knee-joints, when walking in the open air (after three hours),[2].—Weariness of the knees, when ascending steps (soon),[56].—Weariness of the knees, especially of the left, while walking,[56].—Weariness in the knees and a paralyzed feeling in the lower limbs (second day),[56].—[930.] Great weariness in the knees, on ascending steps (third day),[56].—Bruised sensation and a feeling of warmth in the knee and ankle-joint,[55a].—

† From local application; original revised by Hughes.

‡ This and S. 900 occurred in one woman only. Query, Did she prepare the leaves for the broth?—Hughes.

§ From local application.—Hughes.

‖ Not found.—Hughes.

¶ Original revised by Hughes.

Leg. Pinching in the calves (after one hour),[5].—Sticking pinching on the tibiæ (after five hours),[5].—Pain in the calves like a cramp, on moving in the afternoon,[1].—Paralytic drawing in the legs, especially when walking,[1].—(When walking, pain in the left tibia, as if bruised, especially in the evening, while the side of the calf is hot, swollen, and covered with red rash, though without pain or itching), (after seventy-two hours),[1].—***Ankle.*** Cutting pain in the tarsal joints, when walking,[1].—The ankle is painful, as if bruised, in the afternoon,[1].—***Foot.*** Swelling of the feet,[20]. (Case 16.)—[**940.**] In the convulsions he stamps one foot after the other on the ground,[12].—He howls about jerking (pinching) pain in the feet,[20]. (Case 29.)—Sensitiveness of the right metatarsus, aggravated by walking over an uneven pavement, a feeling of tension and pressure, as if too full of blood; this sensation, which was especially troublesome on walking in the street, continued nine days, and frequently so severe that it made him lame, like a real gout,[54].—Pain in the soles of the feet,[1].—Drawing tearing in the soles of the feet, mostly during rest; disappearing when walking and returning on sitting (after thirty-six hours),[5].—***Toes.*** **The toes become spasmodically flexed, as from cramp, when walking or carrying the foot forward, and on ascending,*[1].—Since the first proving of the drug (ten months) there has been pain in a corn on the right little toe, from which I had never suffered before.[54].

General Symptoms.—Objective. Distended veins over the whole body,[14 31].—Obstinate dropsy,[6].—Apoplectic and cramped condition (after one hour),[78].—[**950.**] He gropes about without knowing whither,[24].—Tremors, startings, and convulsions,[24].†—Tremors extended to the muscles, and they shook violently; horripilation and perfect rigors (after two hours),[81].—Nervous trembling and jerking of the muscles,[91].—Twitchings of all kinds,[67].—**Muscular twitching,*[57].—Frequent jerkings,[11].—**Subsultus tendinum,*[24].—**Frequent subsultus tendinum, and a furious delirium, so that he became uncontrollable; during the periods of remission he was engaged in catching at flocks in the air, or pulling at the bed-clothes,*[96].—[Spasms, diarrhœa, and coldness of the whole body],[20]. (Case 28.)—[**960.**] [Spasms, with watery diarrhœa and flow of urine],[20]. (Case 28.)—**The spasms flex the limbs, and the bent body is tossed upward,*[12].—**Convulsive movements,*[27].—***Convulsions,*[14 28 68], etc.—Convulsions lasting five days,[28].—Convulsions, with frothing from the mouth,[12].—*The whole body was convulsed,[96].—*The body is frightfully tossed about by the convulsions,[12].—After every drink, sometimes he fell into convulsions, sometimes he did not recognize the bystanders,[24].—Hands, feet, and muscles of the face were every now and then twitched, with convulsions; and so strongly did they struggle that it was no easy task to restrain them, or take away anything they took hold of (after eight hours),[72].—[**970.**] On attempting to make the child walk, it was remarkable that she walked with the body bent backward, as if the head and trunk were acted upon by an invisible force; at the same time, if she spontaneously attempted to walk, she did so with the feet wide apart, with involuntary motions of the hands, with which she felt about her, sometimes closing them as quick as lightning, and again opening them,[66].—Epilepsy,[38].‡—Slight attacks of epilepsy alternate with paroxysms of apo-

† Original revised by Hughes.

‡ In two boys from the seeds, one of whom died after a few hours.—Hahnemann. The following is added by Hughes: No such observation occurs here, but the author relates how a fomentation of the seeds applied for menstrual headache caused epileptic symptoms to come on.

plexy,[33].—**She is rigid all over, as in tetanus,*[27].—[He is extremely powerful in his rage],[20]. (Case 7.)—Excessive activity; he thought himself more active and vigorous than he really was (after two, four, and eight hours),[2]. —Disinclination for mental and physical labor,[59a].—Aversion to and dread of motion and work,[1b].—Quiet lying down,[23].†—Some weariness,[60].—[**980.**] Weariness, weakness of the whole body,[24].‡—Unusual sinking of strength (after four hours),[48].—**Weakness*,[20]. (Case 21),[32 33 36].—Weakness; he is scarcely able to stand upon his feet, and it constantly seems as though he would fall,[8].—Exhaustion,[62].—[He is exhausted, and talks to himself],[20]. (Case 16.)—General exhaustion until faintness was imminent, with trembling of the whole body and extraordinary coldness of the surface of the limbs,[41].—When he became quiet, he seemed very much exhausted and snored deeply until the convulsions recommenced,[96].—Prostration and heaviness of the limbs,[59a].—Prostration, stupor, and overpowering sleepiness,[77].—[**990.**] Prostration amounting to such a degree that it caused an unsteady gait, as from vertigo,[60].—General prostration and discomfort,[59].—The ground seemed to give way under their feet,[95].—The child was unable to stand, and lost all power of holding up the body,[71].—Inability to maintain the erect posture, and reeling when an attempt was made to stand,[57].—The child began to reel and fell to the ground (soon),[67].—The man staggered to the bed, whereon he fell and remained completely immovable,[93].—*He wants to get away, but cannot stand alone;* he attempts to walk and falls upon his face; repeats the effort, and invariably falls upon his face; when raised upon his feet can hardly stand; limbs seem weak, almost paralyzed; acts as if intoxicated,[91].—She soon fell from her seat and lay immovable, and slept, with the head sunk upon the chest, the face very red, deep respiration, warm skin, small rapid pulse, eyes closed and much injected,[64].—He suddenly falls to the earth,[12 27].—[**1000.**] **He falls suddenly to the ground, with cries and convulsions* (after a few minutes),[34].§—*Fell down unconscious, with the whole body cold and stiff like a piece of wood*, face pale, eyes closed, pupils greatly dilated, conjunctiva injected, anterior cervical muscles so much contracted that it was impossible to lay his head back upon the pillow; pulse small, thready, rapid; respiration stertorous and extremely difficult, with apparent spasms of the pectoral muscles,[65].—Faintness,[27].—Attacks of faintness,[43].—Repeated faintness,[32].—Deathlike faintness,[16].—He is in danger of becoming senseless,[15].—[Senseless, with diarrhœa],[20]. (Case 12.)—She became senseless and lost her speech,[27].—Completely insensible (after five hours),[87].—[**1010.**] Hemiplegia,[22].—Restlessness and confusedness in their speech and conduct,[72].—Restlessness and violent tossing, amounting almost to convulsions,[89].—Very restless (soon after half an hour),[86].—**Excessive animation, restless, hurry*,[4].—Uneasiness,[23].‖—Extreme uneasiness; he cannot be restrained,[42].¶—They constantly move from place to place, for two days,[36].—Constantly changing his position (five hours after first dose),[92].—They were unable to remain in one position,[77].—[**1020.**] In bed, at one time he drew the knees up, at another stretched them out, at another turned over, turned the head back and forth, at another raised the head and beat the bed with it, at another picked the straws from his mattress, groped about himself and did not speak; he was neither peevish nor out of humor (after three hours and a half),[1].—Tosses about the bed and

† Eight hours after.—HUGHES. ‡ In half an hour.—HUGHES.
§ From fomentations of Hyoscyamus applied to the head.—HAHNEMANN.
‖ Omit Greding.—HUGHES. ¶ Original revised by Hughes.

screams incessantly,[94].—He was throwing himself about in bed, incessantly screaming, and constantly rubbing his hot head with both hands (after several hours),[86].—***Subjective.*** Loss of sensation; he is insensible to pinching,[24].—Loss of sense of touch (after two hours),[81].—**Blunted sensibility*, insensible sluggishness,[24].—Sensibility was extinct,[95].—He is bereft of all his senses; he sits immovable in bed like a statue,[39].—A very peculiar sensation of lightness and mobility,[4].—**Hysterical pain previous to the appearance of the menses*,[20]. (Case 39.)—[**1030.**] Rheumatic pains,[20]. (Case 21.)—General oppression of the whole system,[72].—The most numerous and severe symptoms occur after eating,[2].—Symptoms ceased the day after the medicine was omitted,[73].—Fell asleep soon, but before an hour his sleep became very much disturbed, and he was awakened by a continual fluttering and agitation about the centre of the body,[81].

Skin.—Objective. Red skin (after three hours),[88].—Skin of a bright red hue, resembling scarlatina,[87].—The skin of the whole body is as if inflamed and of a reddish cinnabar color (soon after the simple heat),[23].†—Skin rattling like parchment,[60].—***Eruptions, Dry.*** Bright scarlet redness of the whole surface, exactly resembling that of scarlatina; it was not mere flushing of the surface produced by unusual exertion, but well-defined papillary eruption, disappearing on firm pressure, returning immediately when the pressure is removed; the eruption began to fade away in about twelve hours; on the fourth day, numerous vesicles appeared on various parts of the body, resembling those of varicella; after remaining out about two days they dried up, leaving scales, which peeled off along with portions of the surrounding cuticle; the thick epidermis of the hands and feet, however, showed no signs of desquamation; the mucous membrane partook to some extent of the same appearance as in scarlatina, though the strawberry tongue was not, of course, so well marked,[89].—[**1040.**] The body all over had a purplish rash, more particularly about the neck and face; the face was "so swollen that she thought it would burst," scarlet, the color more marked on the left cheek, on which it persistently remained for four days, the rash gradually disappearing from other parts of the body, on the second day (after four hours),[90].—Felt his lips swell (soon after first dose); his nose swelled very much (ten minutes after third dose), which swelling extended all over his face and body, growing less severe about his waist; this was accompanied by a prickly sensation and itching; the skin of the face was very red, shining, and hard; the eyes were shut; there was no interval seen until below the middle of the body, where bunches and irregular patches appeared scattered over the surface, and some smaller ones appeared like enlarged papillæ of the skin; he could hardly utter a word, owing to a "stiffness of the tongue and lips," as he expressed it; what he did say was in a thick blundering manner, like that of a drunken man; his mind appeared perfectly clear; the eruption began to subside in about an hour and a half from the time that the last dose was taken, and had almost or quite disappeared the next morning,[85].—Brown spots made their appearance alternately over the whole body and then disappeared,[20]. (Case 14.)—Erysipelatous spots and blisters break out, mostly on the lower limbs (after twenty-four hours),[9].—A few pimples on the elbow externally, with sore painfulness when touched (after nine hours),[9].—Tetterlike spots on the nape of the neck,[20]. (Case 29.)—***Eruptions, Pustular.*** Numerous large boils,[1].—Eruption of large pustules

† Original revised by Hughes.

grouped in many places, from the region above the hip to the knee, looking like confluent pocks; they contain no moisture and desquamate after four days (after third day),[14].†—Thick pustules full of yellow matter break out on the cheeks and chin, after which the nose becomes ulcerated,[20]. (Case 16.)—Pocklike pustules on the right side of the chin,[1a].—[**1050.**] Here and there small furuncles appear on the face (after $4\frac{3}{4}$ to $5\frac{1}{4}$ grains),[59].—A boil on the left thigh,[20]. (Case 39.)—The ulcer becomes bloody and extremely painful (after twenty-four hours),[1].—***Subjective.*** General itching here and there (second day),[56].—Itching compels him to scratch the skin until it bleeds,[14].—Tormented by itching, which obliged him to scratch himself until bleeding,[96].—Skin of palms of hands seemed like stiff thick leather, which at last seemed to be quite benumbed (after two hours),[81].—Bruised pain in an ulcer, on moving the part (after twenty-four hours),[1].

Sleep and Dreams.—Sleepiness. Yawning,[56].‡—Yawning and stretching (after one hour),[56].—[**1060.**] Yawning more and more frequently repeated, and becoming deeper and more disagreeable, relieved after sleepiness came on, followed by long sleep,[55].—Frequent yawning,[59].—The yawning is provoked and aggravated by reading aloud,[55].—*Sleepiness* (after two hours),[23]; (after half an hour),[56]; (after $11\frac{1}{4}$ grains),[59].—Sleepiness, during a very interesting lecture (soon),[56].—Sleepiness, and inability to think (after ten minutes),[56].—Great sleepiness; but after a short nap with closed eyes, was completely wide awake,[55].—Sleepiness during the day, with restless sleep at night, not refreshing, interrupted by dreams,[59 59a].—Great sleepiness, from noon till 3 P.M., with inability to study, and weariness, which even troubled him when walking in the room (after two hours),[56].—Almost overpowering sleepiness, with yawning, at 5 P.M.,[56].—[**1070.**] Sleepy; inability to open the eyelids,[24].—Excessive somnolency for three hours, with dreaming and occasional muttering; when aroused he rubbed his hands, gaped, and answered my questions readily, but so great was the tendency to sleep that he could not keep the eyelids open for many seconds, and he dozed off with a half-finished sentence on his lips,[57].—Feeling as though he had not slept enough; frequent yawning in the forenoon (second day),[53].—Great inclination to sleep, which after large doses amounted to coma vigil,[23].—Irresistible desire to sleep,[24].§—Became drowsy (soon after first dose),[85].—Drowsy and very restless (three hours after first dose),[92].—Falling asleep against his will,[55].—Fell asleep in her chair at the end of the meal and sank into a lethargic state (the second woman),[93].—[Sleep],[24].‖—[**1080.**] Long-continuing slumbering,[30].—He sleeps late,[1a].—Can scarcely awake after a long sleep (second day),[56].—Immoderate sleep,[27].—Sleep for two days,[27].—Sleep for three days,[27].—[Gentle sleep],[20]. (Case 7.)¶—Quiet sleep, with profuse perspiration, and frequent micturition,[20]. (Case 12.)—Deep sleep,[27].**—Long-continued deep sleep,[9 40].—[**1090.**] *Very deep slumber* (after five hours),[1b].—Deep sound sleep, interrupted by frightful dreams,[60].—In a state of profound sleep (soon),[89].—Profound sleep, which continued two days and two nights (in one case),[69].—***Sleeplessness.*** *Sleeplessness,[9].—*Long-continued sleeplessness,[33].—Complete sleeplessness,[75].—Anxious sleeplessness,[1].—Sleepless at night,[94].—[Sleepless nights],[20]. (Case 2.)—[**1100.**] *Sleepless, on account of quiet mental activity,[1].—No sleep (first

† On seat of dartres thought to have been cured by Mercury.—HUGHES.
‡ Not so frequent nor so deep as when proving the 3d and 15th potencies.
§ In half an hour.—HUGHES.
‖ After relief of the conditions shown in S. 205, 812, by venesection.—HUGHES.
¶ Curative effect.—HUGHES.
** Greding omitted by Hughes.

night),[86].—***He was unable to sleep the whole night; he tried lying upon one side and the other, yet he was unable to get quiet;** *only shortly before daybreak did he sleep somewhat from time to time; always during the short naps perspiration all over, especially about the neck* (after five hours),[3].—He passed the night without sleep, and was seized alternately with tremors and convulsive startings,[24].†—Complete insomnia for forty-eight hours, night and day (in spite of 2 half-grain doses of morphia),[58].—Was unable to fall asleep for a long time; had many dreams,[53].—He first fell asleep long after midnight, yet he awoke unusually early and felt very lively, and inclined to fantasies, active and strong,[4].—**Restless sleep* (after 2 grains),[59].—Sleep restless (after 18¾ grains),[59].—Sleep restless, with frequent waking and tossing about,[51].—[**1110.**] Sleep disturbed (after 10 grains); slept more (after 14 grains); disturbed by dreams (after 18 grains),[73].—Uneasy sleep; he wakes often with thoughts about the business of the preceding day,[50].—**He awoke himself from sleep with a cry*,[23].—Frequent waking from sleep at night, as though he had been disturbed or had already slept enough, two nights in succession,[3].—**Starts up in sleep from affright*,[1b].—Sleep interrupted by gnashing of the teeth,[20]. (Case 26.)—In the morning, great hyperæsthesia, like an exhausted wakefulness; in the afternoon sleepy, prostrated and irresolute,[2].‡—***Dreams.*** Dreams at night,[55].—Heavy dreams,[55].—Very labored dreams at night,[56].—[**1120.**] Lascivious dreams, the first two nights, without emissions, though with excitement of the genitals,[3].—Anxious dreams,[56].—In the evening, shortly after falling asleep, he had very anxious dreams of furious cats springing at him (after forty-six hours),[5].—Frightful dreams,[33].—Talks of war in his sleep,[1b].—Great flow of ideas through the mind during partial sleep,[55].—During unconscious sleep (at 9 P.M.), he began to weep, raised his sound arm, and then suddenly let it fall; immediately afterwards he jerked the shoulder violently upward, then tossed the head back and forth; then he raised the diseased foot, then there was a sudden jerking in the sound foot; frequently the sound hand was affected, when the fingers suddenly stretched out and again closed tightly; with these symptoms he occasionally uttered moans,[1].

Fever.—Chilliness. Diminished temperature of the skin,[60].—Chilliness and shivering over the whole body, lasting half an hour,[43].—Sudden chilliness, while in the house,[56].—[**1130.**] [Violent and long-continued chill in the evening, with restless sleep, followed by copious perspiration],[20]. (Case 11.)—The body became cold and stiff like wood (in the man),[93].—Fever in the afternoon; feeling of coldness and pain, for example in the back,[1].—(He is unable to get warm in bed at night),[1].—Shivering over the whole body, with hot face and cold hands, without thirst (after one hour), returning the following day (after twenty-four hours),[3].—Coldness runs from the small of the back up to the nape of the neck,[50].—Hands and feet cold,[70 79].—Chilliness in the back, worse in the house (after one hour),[56].—Chilliness in the spine, in the open air (thermometer at freezing),[56].—Transient chilliness in the back, on walking around the room (after one hour), followed while visiting patients by a sensation of heat in the back, especially in the small of the back and loins,[56].—[**1140.**] Coldness along the spine (first day),[56].—Extremities cold,[68 95].—Feet cold,[1].—***Heat.*** High temperature,[79].—Skin hot and dry to touch (after four hours),[90].—Heat general, with greatly dis-

† Original revised by Hughes.

‡ The excessive wakefulness (compare 1, 13, 1081, 1094, 1095, 1099, 1100, 1102, 1106, 1113, 975, 1014) alternates in Hyoscyamus with sleepiness and sleep; still excessive wakefulness seems to be the primary action.—HAHNEMANN.

tended veins,[51].—Flushing of heat, with increased warmth of the face,[59].—Great heat over the whole body, with much thirst, no taste and much mucus in the mouth; the lips stick together, in the evening,[2].—Burning heat over the whole body externally,[14].—Burning heat over the whole body externally, without redness,[23].—[1150.] (The blood burns in the vessels),[1].—When walking in the open air, he very soon becomes hot and weak (after twelve hours),[5].—If he lays the warm hands even for a moment on any part of the body, as for example, on the back, arms, etc., they cause a long-continuing, very decided sensation of warmth, like a burning in that place (after a few hours),[4].—Violent fever,[62].—Heat in the face and head,[51].—A feeling of warmth in the back (immediately),[4].—Heat rises up into the back,[56].—Heat along the back,[51].—Heat along the whole back (soon), followed by sweat, especially on the small of the back and in the axillæ (soon),[56].—Feeling of heat in the lumbar region in the room, while sitting,[56].—[1160.] Feeling of heat in the loins (third day),[56].—Heat in the small of the back and loins, while walking around the room (after two to four hours),[56].—Feeling of heat in the small of the back and loins, in the open air, even though the weather was cold,[56].—***Sweat.*** Profuse sweat,[20]. (Cases 8, 10.)†—Extremely violent sweat,[20]. (Case 20.)—Body covered with profuse clammy sweat (after six hours),[87].—The skin was sweaty and warm,[71].—Perspiration,[20].‡—Increased perspiration,[59a].—General perspiration, especially on the thighs and legs, for two days (after twenty-four hours),[14].—[1170.] Perspiration during the menses,[20]. (Case 20.)—Perspiration during sleep,[20]. (Case 40.)§—[Perspiration with weakness and dulness of sense],[20]. (Case 10.)—Perspiration constantly more profuse,[20]. (Case 40.)—Profuse perspiration, following great thirst,[20].‡—Excessive perspiration,[33].—Cool perspiration,[43].—[Sour perspiration],[20]. (Case 37.)—Increased transpiration (after two or three days),[60].—Sweat on the back and pit of the stomach,[56].—[1180.] Viscid perspiration on the arms, after the prickling sensation in them (after 11¼ grains),[59].—Palms of hands bedewed with clammy moisture and exceedingly cold (after two hours),[81].

Conditions.—**Aggravation.**—(*Morning*), Confusion, etc., of the head; mucus on teeth, etc.; toothache; on rising, offensive breath; dryness of mouth, etc.; bitterness in mouth; after rising from bed, colic; immediately after waking, pain in abdomen.—(*Afternoon*), Pain in ankle; fever.—(*Evening*), The symptoms; nausea; fulness in epigastric region, etc.; after lying down, colic in upper abdomen; pain in left side; after movement of bowels, trembling of arms; when walking, pain in tibia; chill, etc.; heat over body.—(*Night*), Hiccough, etc.; diarrhœa, etc.; cough; coldness.—(*Midnight*), Hiccough.—(*Open air*), Confusion of head, etc.; lachrymation, etc.; when walking, stiffness, etc., in knee-joints.—(*Coffee*), Vomiting.—(*Cold air*), Pain in temples; tearing in gums.—(*After dinner*), Soon, anxiety; hiccough.—(*Drinking water*), Pressure in stomach.—(*After eating*), Headache; pressure upon sternum; weariness in legs.—(*In hot room*), All symptoms.—(*In house*), Chilliness in back.—(*Lying down*), Cough.—(*After a meal*), Immediately, feels intoxicated.—(*Movement*), Throbbing, etc., in frontal eminences; tearing in joints; drawing on margin of fingers; pains in calf.—(*Reading aloud*), Yawning.—(*Rest*), Drawing in thighs; tearing in soles of feet.—(*In room*), Headache.—(*Sitting*), Pains in abdom-

† Omit Hamilton and Steadman.—HUGHES.
‡ Not found.—HUGHES.
§ There is almost no perspiration except during sleep.—HAHNEMANN.

inal muscles.—(*Stooping*), Waving in brain, etc.; heaviness in forehead; throbbing, etc., in frontal eminence.—(*Walking*), Vertigo; headache; pain beneath umbilicus; pain in small of back; drawing in legs; pain in tarsal joints.—(*Walking in street*), Sensitiveness of metatarsus.

Amelioration.—(*Coffee*), Head symptoms.—(*Motion*), Pain in wrists, etc.—(*Pressure*), Pain in occiput.—(*In room*), Head symptoms.—(*Smoking*), The symptoms.—(*Stooping*), Nausea.

HYPERICUM.

Hypericum perforatum, Linn.

Natural order, Hypericaceæ. *Common names*, St. John's Wort; (G.), Johannis-kraut, Hartheu; (F.), Mille-pertuis.

Preparation, Tincture of the whole plant.

Authorities. **1**, Dr. George F. Mueller, Hygea, 5, 484, "Caroline," aged 23, unmarried, took 4 drops of tincture, one dose; **2**, "Catharine," aged 31, took same; **3**, "Madeline," aged 21, took same; **4**, Thorer, Beiträge, 4, 1839, p. 118, effects of 30th dilution, taken in the evening; **5**, Dr. Stokes's provings on self and wife, with 10 to 30 drops of tincture three times a day, also doses of ½ to 1 drachm of tincture and of infusion, Hom. Times, 1853 (from German translation, original not accessible); **6**, Dr. Bruckner, A. H. Z., 68, 132, took 6th dilution (first, second, fourth, fifth, sixth days), 30th dilution (seventh day), 6th dilution (eighth, ninth, fourteenth days); **6** *a*, same prover took (the subsequent year) 1st dilution for a headache; **7**, Schelling, A. H. Z., 79, 22, took 1st dilution (first day), afterwards 6 drops of tincture, and after four days, 1 drop daily for eight days; **7** *a*, same prover the next year took 1st dilution, three doses in one forenoon.

Mind.—Emotional. Mental excitement, as after drinking tea,[5].—She talks wildly in the night, after 4 A.M., while asleep, with distorted, staring eyes, head hot, carotids throbbing violently, face puffy, eyes very red, fixed, pupils dilated, pulse very rapid, hair of the head moist, with dry, burning heat over the rest of the body, and great apprehensiveness; once she ceased her talk and sang, but soon afterwards wept and screamed frightfully, and gasped for breath; after a few magnetic passes she came to herself; applying the hand to the head produced a comforting, soothing effect; the whole attack lasted about an hour (second night),[1].—Very sad, out of humor (next morning),[5].—Great depression of spirits, so that she wished to cry, at 5 P.M. (first day),[1].—Great depression, inclined to weep, which she endeavored to suppress, in the evening (fifth day),[2].—Apprehensiveness,[1 2 3].—She was easily frightened for some time after the proving,[2].—***Intellectual.*** Mental exhaustion,[7a].—Weakness of memory, after the proving,[1].—[**10.**] Forgetful (second morning),[5].—Remarkable weakness of memory for some time after the proving,[2].

Head.—Confusion and Vertigo. Confusion of the head,[3]; morning, on waking (fifth day),[2].—Constant vertigo, at 9 A.M. (eleventh day),[2].—Excessive vertigo and nausea, on waking in the morning (eleventh day),[2].—Dizziness (first day),[7]; in morning (second day),[4].—***General Head.*** Feeling of weakness of the head, in the evening (first day), and after the proving,[1]; throughout the proving,[3].—Heaviness in the head; the brain feels compressed (fourth day),[2].—Great heaviness in the head, in the afternoon (third day),[2].—Feeling of heaviness in the head (first day),[3].—

[20.] Head heavy, confused,[7a].—Head heavy, confused, full,[5].—Head heavy, with general weakness, in the morning,[7].—Feeling as though the head were as large again as usual (eighth day),[3].—Feeling as though the head were as long again as natural (fifth day),[2].—(Waking at night from headache, but falling asleep again), (second night),[6a].—Violent headache, as from a hammering, especially on the vertex (third morning),[1].—Pressing asunder sensation in the head, especially on the vertex, a sensation of dull roaring, at 6 P.M. (first day),[1].—The brain seems compressed in the evening (seventh day),[3].—Tearing stitches within the head (third morning),[1].—[30.] A feeling as of something alive or a tickling in the brain, in bed (first night),[2].—***Forehead.*** Head heavy, tense between the temples,[7].—A feeling in the forehead as though some one touched it with icy-cold hands, lasting half an hour, afterwards extending towards the right eye, in the evening (fourth day),[2].—Tension in the forehead, as if it were drawn up,[7].—***Temples.*** Tension in the temples (first day),[3].—Aching in the temples (sixth day),[3].—Stitches now in the right, now in the left temporal region, in the evening (second day),[3].—Some stitches in the right temporal region (after one hour),[1].—Violent stitch in the left temporal region, in the evening (fourteenth day),[6].—Violent stitch in the left temporal region, almost compelling him to cry out suddenly while walking (eighth day),[6].—[40.] Transient violent tearing in the right temporal region, with chilliness over the whole body, at 4 P.M. (first day),[2].—Throbbing in the right temporal region (third day),[3].—Throbbing in the left temporal region (second day),[3].—***Vertex.*** Headache in the vertex, with roaring in the ears, especially in the left, in the morning on waking (fifth day),[6].—Violent stitches in the crown of the head, at 7 P.M. (third day),[3].—Tearing in the vertex, in the evening (seventh day),[3].—**Throbbing in the vertex, and a feeling of heat in the head in the afternoon* (fifth day),[1].—***Parietals.*** Slight stitches in the right side of the head, on exerting the eyes and head (fourteenth day),[6].—***Occiput.*** Pressive pain in the occiput, on motion,[7a].—Pressive pain, with some drawing stitches in the occiput, in the evening,[5].—[50.] Tearing in the occiput, in the evening (fifth day),[2].—***External Head.*** The hair of the head falls out easily, for some time after the proving,[2].—Profuse falling out of the hair, for a fortnight, after the proving,[3].—Formication on the vertex (second day),[3].—Itching on the head (first night),[4].

Eye.—Weariness in the eye,[7a].—Feeling as though the eyes were difficult to move, as after weeping,[5].—Burning in the canthi,[7a].—Tension in both eyes (fifth day),[1].—Tension in both eyes (third day),[1].—[60.] Aching sensation in the eyes (second day),[3].—Stitches through the right eye (tenth day),[3].—Tearing in the right eye, in the evening (seventh day),[3].—***Brow.*** Drawing stitches above the eyes, especially in the soft parts of the head,[5].—***Lids.*** Eyelids covered with mucus, tense,[7a].—The right eye is spasmodically closed for about a quarter of an hour, in the evening (fourth day),[2].—Smarting of the eyelids,[7a].—***Pupil.*** Pupils dilated (fifth day),[1]; at 6 P.M. (first day),[1].—***Vision.*** Sight longer than usual, in a myope,[5].—Sight weaker than usual,[5].

Ear.—[70.] Ears hot, on going to bed, without any heat in the body (fourteenth day),[6].—Drawing pain in the left ear towards the zygoma; on touching the zygoma it feels swollen (eighth day),[3].—Transient stitches through the right ear, in the evening (fourth day),[2].—Itching and pressure in the ear,[5].—Roaring in the ears, especially in the left (not an unusual symptom), (fifth day),[6].

Nose.—Much sneezing in the morning (second day),[4].—Nose mostly dry,[5].—Nose extremely dry (fifth day),[1].—Remarkably acute smell (first day),[2].

Face.—Face seems puffy, in the evening (second day),[1].—Pains in the face (starting from a hollow tooth), worse at night,[5].—***Cheeks.*** [80.] Feeling of tension in the cheeks, lasting several hours (after two hours); from noon till evening (second day),[2].—A kind of contraction in the left zygoma (seventh day),[2].—Jerking and crawling in the left zygoma, in the morning (sixth day),[2].—Dull jerking pain in the cheeks (fourth day),[2].—***Lips.*** Lips dry, the mucous membrane dry (after four hours),[1].—Feeling of heat in the lips (second day),[3].

Mouth.—Teeth. Tension in the teeth, in the forenoon (fourth day),[2].—Aching in the teeth, in the forenoon (second day),[2].—Drawing toothache in the whole lower jaw, lasting a short time, after midnight (third night),[1].—Tearing here and there in the teeth (second day),[3].—[90.] Tearing toothache in the right upper and lower jaws, on waking, at 3 A.M. (fourth day),[3].—Dull jerking pain in the teeth and cheeks, in the afternoon (third day),[2].—***Tongue.*** Tongue coated, in the morning,[5].—**Tongue coated white*,[1]; (eighth day),[3].—Tongue whitish-gray, especially at the base,[7].—Tongue coated dirty yellow (eighth day),[3].—***General Mouth.*** *Mouth dry*,[5]; (after one hour),[1].—Dry burning heat in the mouth, at 5 P.M. (first day),[1].—***Saliva.*** Much mucus in the mouth after eating,[7].—***Taste.*** Bad taste in the mouth, eructations (fifth day),[7].—[100.] Taste of blood in the throat following the stool; on hawking expectoration of bright-red bloody sputa (third and sixth days),[6].†

Throat.—Hawking of tenacious mucus,[7].—Feeling as though a worm were squirming in the throat (ninth day),[3].—Neck swollen (second day),[1]; (eighth day),[3].—Neck puffed up, for a quarter of an hour (after one hour and a half),[1].

Stomach.—Appetite. Great appetite in the morning (second day),[4].—Great hunger, at noon (second day),[4].—Speedy satiety, without pressure in the stomach,[7].—Diminished appetite, aversion to eating,[7].—Loss of appetite, nausea, and constant pressure as from an overloaded stomach, although he had fasted,[7].—[110.] No appetite in the evening (first day),[1].—No relish for breakfast (second day),[4].—***Thirst.*** Thirst (fifth day),[1].—Thirst, on waking from sleep; is unable to drink on account of choking in the throat and heat,[7].—Thirst, with feeling of heat in the mouth (after seven hours),[1].—Great thirst (after one hour),[1].—Violent thirst (eighth day),[3].—Most violent thirst (third morning),[1].—***Eructation.*** Frequent eructations, with pressure on the chest,[7].—Eructations of odorless flatulence,[7].—[120.] Eructations without taste, on drinking water (after two hours),[1].—Frequent empty tasteless eructations, without having eaten anything, at 5 P.M. (first day),[1].—Bitter eructations (second day),[4].—Eructations of mucus, with burning and pressure in the stomach, in the morning,[7].—Great heat rising up in the throat, in afternoon (second day),[2].—***Nausea.*** **Nausea* (after two hours),[1]; for half an hour (fourth day),[2]; (sixth day),[3].—Nausea, so that he is scarcely able to rise in the morning, with pressure in the præcordial region,[7].—Nausea, at noon, with inclination to vomit and great weakness (third day),[3].—Nausea and distress in the stomach, with inclination to vomit, retching, collection of water in the mouth,

† For the past two months I had had a little nosebleed a few times, but only after blowing the nose; formerly it had occurred almost daily.

for half an hour, in the evening,[7].—Nausea, inclination to vomit, qualmishness, during dinner, with a feeling as though the stomach and bowels were hot and swollen, with sleepiness,[7].—[130.] Nausea, qualmishness, and aversion to eating (fourth day),[7].—Great constant nausea, with incessant eructations of either wind or mucus, in the evening,[7].—Retching,[7].—***Stomach.*** Heaviness in the stomach, and feeling of heat and eructations after eating,[5].—Feeling of heat in the epigastrium and chest,[7].—Pressure, nausea, and weakness, two hours after eating,[7].—Pressure in the stomach, after a small meal,[7].—Awakened at night by pressure and burning in the stomach; feels as though the stomach were disordered by sour wine,[7].—Some pressure in the stomach, after drinking milk,[7].—Oppression of the stomach, after eating a little rice, in the evening (second day),[1].—[140.] A kind of sticking, now in the epigastric region, now in the right hypochondrium (first day),[2].—A griping in the stomach, in the morning, with yawning, like a sensation of hunger, though without appetite, on account of nausea,[7].

Abdomen.—Hypochondria. Feeling of fulness in the hepatic region,[5].—Tension in the right and left hypochondria (eighth day),[3].—Drawing pain in the hepatic region,[5].—Sticking in the right hypochondrium (third day),[2].—***Umbilical.*** Cutting in the umbilical region, as if something were cooking therein, in the afternoon (fifth day),[2].—***General Abdomen.*** *Distension of the abdomen (third day),[3].—Distension of the abdomen, which is tympanitic and hard, in the evening (fifth day),[2].—Abdomen hard, with tension in the right hypochondrium (ninth day),[2].—[150.] Flatulence, with tension in the abdomen,[7].—Much flatulence, pressure, and dragging in the abdomen, through the day,[7].—Feeling as though flatulence would pass (fourth day),[1].—Troubles from flatulence at night,[5].—Pain in the abdomen and diarrhœa-like stool, in the evening after coffee,[7a].—Abdomen full and tense, as from flatulence, with griping and nausea,[5].—Pain in the abdomen, griping distension, followed by soft stool,[7a].—Violent griping pains in the bowels, as from flatulence, soon followed by soft stool (sixth day),[1].—Cutting and griping in the abdomen, as from incarcerated flatus (third day),[3].—Dragging in the groins,[5].

Rectum and Anus.—[160.] Burning biting, and a feeling of dryness in the anus, in the morning,[5].—Great desire for stool, with discharge of hard masses (second day),[3].—Urgent desire for stool, with passage of small fæcal masses (third day),[3].—Very unusual, severe urging to stool, in bed soon after waking, which could only be restrained with very great difficulty while I dressed; stool normal (third morning),[6].—Ineffectual urging to stool (third night),[2].—Stools attended with most violent tenesmus (fourth day),[3].

Stool.—During the proving the stool almost always occurred twice daily, morning and evening, normal and profuse; usually I had but one stool, and was not at all inclined to diarrhœa,[6].—Stool freer than usual, in the morning (second day),[4].—Stool soft, in the evening (third day),[3].—Stool hard (eighth day),[3]; at 3 P.M. (second day),[1].—[170.] Stool irregular, sometimes hard, sometimes soft, "very bilious,"[5].—Stool delayed,[5].—Difficult stool, with violent tenesmus, so that it caused nausea, in the evening (seventh day),[3].

Urinary Organs.—Burning in the urethra,[5].—***Micturition.*** Urging to urinate, in the afternoon (fifth day),[1].—Urging to urinate, with vertigo, almost a faintness, at two o'clock at night, when in and when out of bed (eleventh day),[2].—Frequent emission of very yellow urine, without burning,[7].—***Urine.*** Profuse clear yellow urine, at night, with burning,[7a].

—Urine clear, wine-yellow,[7].—Urine very highly colored, frothy, of a peculiar sweetish odor, in the morning (fifth day),[6].—[180.] Strong-smelling urine (first night),[4].

Sexual Organs.—Lascivious thoughts, soon (in a man),[5].—Tension in the uterine region, as from a short band (seventh night),[2].—Violent tearing in the genitals, with a desire to urinate, and micturition twice at midnight (seventh night),[2].—Leucorrhœa for several days after the proving,[2].—Menstruation more profuse and with less difficulty than usual; the second menstruation was three days earlier and more profuse, with cold feet and acute sensibilities,[5].—Menstruation fourteen days too late,[3].

Respiratory Organs.—**Frequent dry, hacking cough* (after one hour and a half),[1].—Frequent expectoration of gelatinous mucus (fifth day),[7].—Expectoration of much granular white mucus,[7].—[190.] Very short breath, in the evening (second day),[1].—Dyspnœa, in the forenoon (third day),[4].

Chest.—Anxiety in the chest, like shortness of breath, in the morning (second day),[4].—Burning pains in the chest, especially in the afternoon,[5].—**Tightness in the chest* (fifth day),[1]; in evening, (second day),[1].—Pressure upon the chest (third day),[3].—Pressure and heaviness on the chest,[5].—Pressure and burning in the chest, at 5 P.M. (first day),[1].—Oppression of the chest, in the evening (fourth day),[2].—Transient sticking-cutting pain in the right upper half of the chest, on moving about; these cutting pains occurred a few times in the left lower portion of the chest, in the afternoon of the same day (third day),[6].—[200.] Sticking in the left chest, in the evening (second day),[1].—(Sticking in the ribs and shoulders, as after taking cold),[7a].—Sticking pain in the middle of the chest (internal aching, like heartburn),[7a].—Stitches through the left chest, at 8 P.M. (first day),[1].—Constant stitches from within outward, through the left chest and sternum, aggravated by motion (third day),[1].—Some sharp stitches in the chest,[5].—Violent stitches through the chest, so that she was obliged to hold the breath, at 5 P.M. (sixth day),[3].—Crawling and orgasm in the chest,[5].—Stitches alternately in both sides of the chest (ninth day),[3].—Violent sticking pain in the left breast, in the evening (second day),[1].—[210.] Stitches here and there beneath the right breast, in the evening (second day),[1].

Heart and Pulse.—The heart feels as though it would fall down, in the evening (second day),[1].—Palpitation of the heart (fifth day),[1].—Acceleration of the pulse,[5]; at 6 P.M. (first day),[1].—Pulse rapid and hard (fifth day),[1].

Neck and Back.—Neck. (Tension in the neck and nape of the neck), (first day),[7].—Tension in the nape of the neck; motion of the head is painful,[7a].—Tension in the nape of the neck, with pressure and sticking in the middle of the chest,[7].—***Back.*** Twitchings of muscles in the back,[5].—Aching in the back (after one hour and a half),[1].—[220.] Dull drawing and pressure in the back, especially in the lumbar region, more in the afternoon and evening,[5].—Sticking and burning pain in the back and loins, with feeling of coldness in the back, shoulders, and arms,[7].—***Dorsal.*** Stitches in the scapulæ (tenth day),[3].—***Lumbar.*** Paralytic pain in the small of the back (ninth day),[2].—Aching in the small of the back (fifth day),[1].—Pressive pain in the small of the back (eighth day),[3].—Pain in the small of the back, pressive, paralytic (third day),[3].—Some stitches in the small of the back, at noon (fourth day),[3].

Extremities in General.—Numbness of the limbs,[5].—Feeling of weakness and trembling in all the limbs (sixth day),[3].—[230.] The right

foot and left arm feel paralyzed, alternating with tearing (fifth day),[2].—Limbs heavy (first day),[7].—Feeling of stiffness in the limbs,[5].—Painfulness in all the joints,[5].—Rheumatic drawing and tension in the limbs,[5].—Bruised feeling in the extremities,[5].

Superior Extremities.—Trembling and cramp in the left arm and fingers (eleventh day),[2].—Weakness in the arms (eighth day),[2].—Tension in both arms (after one hour and a half),[1].—Fine sticking like needles in the arms (second day),[3].—[240.] Tearing in the arms (second night),[3].—Tearing in the left arm, in the morning (seventh day),[2].—Tearing in the left arm, especially from the elbow to the fingers, in the evening (third day),[2].—Constant tearing in the arms (fourth day),[2].—Violent tearing in both arms, in the evening (sixth day),[2].—***Shoulder.*** Stitches in the left shoulder with every inspiration, at 2 P.M. (third day),[3].—Tearing in the right shoulder and in the forearm,[7].—***Arm.*** (Neuralgia, paralytic pains in the left upper arm),[6].†—***Elbow.*** Transient tearing in the elbows (third day),[2].—***Wrist.*** The left wrist is painful on motion, as if sprained,[7].—***Hand.*** [250.] Tension in the hands (second day),[3].—Pain as from suppuration on the outer margin of the ball of the left hand, while it lies upon the table,[7a].—***Fingers.*** Rheumatic pain, swelling and tension in the last joint of the left little finger,[7a].—Rheumatic sticking pain in the right middle finger, as though a knife were thrust from the joint along the metacarpal bone to the wrist; afterwards a similar pain in the great toes, but less violent and of shorter duration (sixth day),[6].—Tearing in the right thumb, in the evening (fifth day),[3].

Inferior Extremities.—Thigh. Crawling and drawing along the course of the sciatic nerve,[5].—***Knee.*** Transient cramp in the knee (fourth day),[2].—Slight pain in the outer and upper portion of the left knee as from straining the tendons (third day),[6a].—Sticking in the left knee,[7].—Tearing in the right knee (tenth day),[3].—[260.] Tearing in the right leg and knee (eighth day),[3].—***Leg.*** Tingling in the legs and knees as from weariness,[7].—(Very acute cramp in the calves, several times at night, first in the right, afterwards in the left leg, obliging him to get up and walk about), (fifth night),[7].—***Foot.*** Painful tension like a cramp in the soles of the feet,[7a].—Cramp in the left foot,[7].—Painful cramplike drawing as if the feet would become dead, when lying,[7].—Feeling as though the left foot were sprained or dislocated, on rising from stool at 3 P.M. (ninth day),[3].—Sticking in the bone in the inner side of the right foot, as after a sprain, on ascending steps, several times during the day (fourteenth day),[6].—Tearing extending from the right calf through the whole foot, at 6 P.M. (first day),[1].—***Toes.*** Toes and heels somewhat swollen, with biting (ninth and tenth days),[2].—[270.] Sticking as with a dull knife in the fourth toe, in the evening (tenth day),[6].—Dull sticking, as with a knife, in the ball of the great toe (fourteenth day),[6].

General Symptoms.—Objective. Frequent starting up as from affright, always with rising of great heat into the neck (fifth day),[3].—Lameness and stiffness with spasmodic restlessness in the muscles and tendons, especially in the evening and at night, often waking from sleep,[5].—Weariness on waking from sleep,[5].—Weak, distracted, in the afternoon, after a short walk (first day),[7].—Weakness when walking, was obliged to

† On account of this pain I was obliged to omit the proving; it gradually disappeared after several remedies, but an induration of the cellular tissue remained, which after awhile suppurated.

walk slowly; when walking, but not when sitting,[7a].—Weakness even to falling down,[7].—**Great weakness* (tenth day),[3]; continuing after the proving,[1].—Great weakness and trembling, on waking in the morning (eighth day),[3].—[280.] Great weakness, with violent thirst, on waking in the morning (second day),[1].—Extremely weak (third day),[1].—Exhaustion (ninth and tenth days),[2].—Great exhaustion (fifth night), and for three weeks after the proving,[2].—***Subjective.*** Sensitive to the cold, for some time after the proving,[2].—General nervous and vascular excitement (first to fourth day),[5].—Inclined to great activity (fifth day),[7].—Disinclined for mental and physical labor (fourth day),[1].—Feeling of weakness (after one hour and a half),[1].—The whole body feels affected as after a course of medicine,[7a].—[290.] Feeling, on waking at 4 A.M., as though she were not lying in bed, at another time as though she were lying very heavy in bed (second night),[3].

Skin.—Objective. Some small pimples on the skin,[5].—Biting eruption like nettle-rash on both hands; she was obliged to scratch until they were almost sore (eighth day),[2].—Violent biting on both hands; nettle-rash eruption on the backs of the hands and between the fingers (fifth day),[1].—***Subjective.*** Crawling in the skin at times,[5].—Great itching, especially in the sacral region, in the evening on undressing; the skin felt rough and seemed full of little pimples (tenth day),[6].—(Ulcerating pain in the morning in a vesicle on the thigh), (fifth day),[7].—Biting in the fingers of the left hand, in the evening (ninth day),[2].—Violent biting on the back of the hands, in the evening (second day),[1].—**Crawling in the hands and feet, they felt fuzzy* (third morning),[1].—[300.] Tingling in the feet,[7a].—(Itching on the forehead, vertex, and hip),[7a].—(Itching on both cheeks, especially in the beard), (second day),[7].—The feet seem fuzzy, with sticking in them as from needles (fourth day),[3].

Sleep and Dreams.—Sleepiness. Yawning,[7a].—Frequent yawning,[7].—Sleepiness, the eyelids keep closed, at 6 P.M. (first day),[1].—(Sleepy, in the afternoon, after eating), (second day),[7].—Very sleepy, at 5 P.M. (second day),[1].—Constantly inclined to sleep (second day),[2].—[310.] Sleep heavy, exhausting every night, with sweat in the morning,[7].—Wakes late (second morning),[6a].—***Sleeplessness.*** Falls asleep late, sleep restless, wakes early (first night),[4].—Sleep uneasy (first and third nights),[4].—Sleep restless; it seems as though she were lying very heavy in the bed (first day),[3].—Sleep restless, disturbed by various pains, and with confused, anxious, voluptuous dreams, or dreams of business,[5].—Sleep extremely restless, with frightful dreams, starting up and apprehensiveness (first night),[1].—Waking early in the morning with hot perspiration and uneasiness (sixth day),[6].—Sleeps usually lying on the back and boring the head into the pillow,[5].—Lies on the back, with emissions (second night),[4].—***Dreams.*** [320.] Dreamy sleep, with sweat in the morning,[7].—Many dreams (second night),[3].—She dreamed very much and awoke after every dream (first night),[2].—Vivid dreams at night, not remembered in the morning (fourth day),[7].—Busy dreams very indistinctly remembered (fifth day),[6].—Many dreams at night of journeyings, etc., indistinctly remembered in the morning (first night),[6a].—Constant dreams at night; after waking several times he always fell asleep and continued to dream, dreamed of journeying, hunting, etc.; very indistinctly remembered (first night),[6].—Exhausting dreams of climbing mountains, great pressure of business, etc., without sweat at night,[7].

Fever.—Chilliness. Chilliness over the whole body, with nausea,[7].—

Feeling of chilliness through the whole body, at 4 P.M. (fifth day),[1].—[330.] Shivering over the whole body, in the evening (second day),[1].—Constant shuddering, while sitting, worse on moving about, with expectoration of mucus, nausea, and qualmishness, slightly relieved by drinking cold water, lasting through the evening till midnight,[7].—Coldness of the soles of the feet,[7a].—Shuddering, coldness, extending from the calves over the legs frequently during the day (second day),[7].†—(Shuddering in the back, extending across the shoulders), (fifth day),[7].—***Heat.*** Heat, with anxiety, in the evening (second and third days),[4].—Dry burning heat over the whole body (third day),[1].—Sensation of internal heat without thirst, with perspiration, preventing falling asleep for two hours, so that I sought a cool place and was frequently obliged to throw off the covering, but I soon became too cold (fifth morning, soon after the dose),[6].—Heat in the head and feet, with restlessness and desire to seek cool places, from 3 to 5 A.M. (tenth day),[6].‡—Heat in the face in the morning after a restless night,[5].—[340.] Feeling of heat in the face, in the afternoon (fifth day),[2].—***Sweat.*** Gets into a perspiration easily on slight exertion,[7].

Conditions.—Aggravation.—(*Morning*), On waking, confusion of head; on waking, vertigo, etc.; head heavy, etc.; on waking, headache in vertex; sneezing; at 3 o'clock, toothache; on waking, weakness, etc.—(*Forenoon*), Pains in teeth.—(*Afternoon*), Heaviness in head; throbbing in vertex, etc.; pain in teeth; burning in chest; drawing, etc., in back; at 4 o'clock, chilliness.—(*Evening*), Depression; weakness in head; stitches in temporal regions; tearing in vertex; pressive pain, etc., in occiput; tearing in occiput; tearing in eye; stitches through ear; distension of abdomen; after coffee, pain in abdomen, etc.; drawing, etc., in back; tearing in arms; tearing in thumb; sticking in toe; lameness, etc., in muscles; biting on fingers; shuddering; heat, etc.—(*Night*), Pains in face; after midnight, toothache in lower jaw; troubles from flatulence; cramp in calves.—(*Motion*), Pain in occiput; stitches through chest; lameness, etc., in muscles; shuddering.

HYPOPHYLLUM.

Symptoms given by Cattell in Br. J. of Hom., 11, 168, under this name, (probably selected from Orfila's Toxicologie), properly belong under various species of *Agaricus*.

IBERIS.

Iberis amara, Linn.

Natural order, Cruciferæ. *Common name*, Bitter candytuft.

Preparation, Tincture of the seeds.

Authorities.§ (Dr. Hale's provings, U. S. Med. and Surg. Jour., 7, p. 297).

† The day was cold and wet.

‡ Soon fell asleep again after smelling Aconite,[12].

§ In view of the fact that the following provings are still *sub judice*, we append the following notes:

1. "It has come to my knowledge that the greater part of the proving of Iberis is spurious and imaginary, and hence before being incorporated in Allen's Materia Medica a new proving should be made. As I understand the case, the provers were informed that the remedy had a marked action on the heart, hence many imaginary heart symptoms. The spurious symptoms, I am told, were recorded by one

1, Dr. R. C. Sabin took repeated doses of 1st dec. dil. (1 to 40 drops), (same prover took, two days later, increasing doses of the 6th dil. for five days, in all 2 drachms, without result); **1***a*, same took tincture, 1 to 10 drop doses; **2**, M. M. Dodge (with rheumatic pains in left shoulder) took the $\frac{1}{10}$th, 4 to 20 drop doses; **2***a*, same took tincture, 5 to 17 drop doses; **3**, Miss Magee took 6th dil. five days without result, then 4th dil. for three days, after waiting five days took 3d dil., after waiting five days took 2d dil.

Mind.—Emotional.—Frightened mood; fears she has taken too much of the drug; in the evening (third day),[3].—Feels frightened; had feelings of dread, as if she had taken a dangerous dose (second day),[3].—***Intellectual.*** Mind very clear and active (half an hour after first dose, second day),[2].—Mind very clear; things long forgotten present themselves with peculiar distinctness (after half an hour, third day),[2a].—Mind very clear; can remember everything I wish to (20 minutes after second dose, second day),[2].—Inability to fix my mind upon any subject for any length of time (two hours and a half after second dose, second day),[2].—Mental faculties dull (after eight hours and a half, third day),[2a]. Dulness of intellect; cannot remember or comprehend the lectures which I am hearing, at 10 A.M. (fourth day),[1a].—Great dulness and malaise for six hours (after

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of the provers, who knew them to be spurious at the time". . . . T. S. Hoyne, U. S. Med. Invest., N. S., vol. 1, page 379.

II. "The provings of Iberis were made under my supervision, and I have every reason to believe the majority of them genuine. . . . . The provers were not told 'that it had a marked action on the heart.'" . . . . E. M. Hale, U. S. Med. Invest., N. S., 2, p. 96.

III. . . . . "As one of the provers of Iberis allow me to deny the imputation of having joined in a conspiracy to perpetrate a gross fraud, etc. I pronounce the three assertions (of Dr. Hoyne) to be scandalous and malicious falsehoods. . . . . From my knowledge of Dr. Dodge, I do not hesitate to announce my entire confidence in the reliability of his proving." . . . . R. C. Sabin, U. S. Med. Invest., N. S., 2, p 201.

IV. The editor publishes these statements in justice to all concerned; he wishes to add that Prof. Samuel Jones, of the University of Michigan, informed him that he had failed to make the slightest impression on the heart by repeated and large doses, nor did the sphygmograph show any disturbance of the pulse. The following note is, however, adduced as *collateral* evidence:

Amer Jour. Med. Sci., No. 28, N. S, vol. 14, 1847, p. 453 (Prov. Med. and Surg. Jour., July 28th, 1847.) Dr. Sylvester communicated to the southeastern branch of the Provincial Medical and Surgical Association, at their last annual meeting, a paper on the virtues and properties of the Iberis amara, or Candytuft, a remedy brought to light by the late Dr Williams during a course of therapeutical researches at St. Thomas's Hospital. Many striking and remarkable cases were related in proof of its salutary power over asthma, bronchitis, dropsy, *and more especially cardiac hypertrophy.* It seems that it does not diminish the velocity of the heart's action like Digitalis, but that it possesses the property of controlling the violence and sharp action of the organ, and softening the pulse; hence its great value in hypertrophy with dropsy. Dr. Sylvester had prescribed it for ten years in numerous instances of the abovementioned diseases, always with some benefit, and sometimes with almost magical efficiency. No ill effects followed its use; it occasionally induced giddiness, sickness, or diarrhœa, but these subsided on discontinuing the medicine. Its curative power was not dependent on such occasional consequences of its administration, inasmuch as its control over the abnormal action of the heart was equally evident, whether these effects were absent or present; its influence being like Digitalis, Belladonna, and some other natural agents, of a purely specific character. The dose prescribed was from one to three grains, generally mixed with cream of tartar, which concealed the nauseousness of the taste, and secured a perfect trituration and division of the tough seed.

first dose, second day),[1a].—[10.] Mind very dull; do not remember what is said in lecture-room for a minute without an effort to bring the mind to a focus upon it (after two hours and a half, first day),[2a].—Memory very clear and active (third day),[2].

Head.—Vertigo. Vertigo, at 3 P.M. (first day),[3].—Slight exertion caused vertigo (after eight hours and a half, third day),[2a].—Vertigo, with headache, at 5 P.M. (first day),[3].—Dizziness in back part of head, or feeling as if occiput were turning round (after four hours, fourth day),[2].—Dizziness, so that she could not sit still; had to return to bed, in the morning (second day),[3].—Dizziness on rising (fifth day),[1a].—Slight dizziness in the upright position, much increased on stooping (after half an hour, first day),[2a].—***General Head.*** Feeling of lightness and giddiness in the head (after third dose, second day),[1].—[20.] Heaviness of the head, with roaring in the ears and slight nausea (after second dose, second day),[1a].—Heat and fulness of head and neck (twenty minutes after second dose, second day),[2].—Dull headache, at 3 P.M. (first day),[3].—Sharp pain in the head, with vertigo (second day),[3].—***Forehead.*** Slight frontal headache (second and third days),[2]; on rising (third day); severe (fourth morning),[1].—Severe frontal headache at 11 A.M. (third day),[1a].—Severe frontal headache, nausea, and loss of appetite (fourth morning),[1].—Dull frontal headache (after second dose, second day),[1a]; in the evening (third day),[3].—Oppressive frontal headache, with frequent nausea and great loss of appetite (fourth day),[1a].—***Temples.*** Throbbing pain through temples, in afternoon (second day),[3].—***Parietals.*** [30.] Pain in right side of head (after half an hour, third day),[2a].

Eye.—Eyes red (after one hour, first day),[1a].—Feeling in the eyes as of being forced outwards (after forty minutes, fourth day),[2].—Flashes before the eyes (after second dose, second day),[1a].

Ear.—Roaring in the ears, with heaviness of the head and slight nausea (after second dose, second day),[1a].—Dulness of hearing and comprehension, at 11 A.M. (third day),[1a].

Face.—Looks sick; feels weak and bad every way (third day),[3].—Face flushed (after one hour, first day), (second day),[1a].—Flushed feeling of face (twenty minutes after second dose, second day),[2].

Throat.—Constant hawking up of thin, viscid, stringy mucus, which was very troublesome, and continued until supper, after eating which, at 7 P.M., I felt no more of it (second day),[2].—[40.] Throat dry, as though full of dust (after second dose, second day),[2].—Dry throat, with dust sensation; hawking of stringy mucus; very troublesome (after four hours and a half, third day),[2a].—Dryness of throat and fauces; hawking up of stringy, viscid, white mucus, which is very persistent (after nearly three hours, third day),[2].—Dry condition of throat and larynx, with hawking up of thin, stringy mucus, which continued every little while from 10 to 1 o'clock, until after I had eaten lunch (second day),[2].—Slight constriction in the throat (after one hour, first day),[1a].—Constrictive choking sensation in the throat (one hour after third dose, second day),[1].—Choking sensation in throat, with fulness and heat (after first dose, third day),[2].—Choking sensation in throat and great weakness, at 10 A.M. (third day),[1a].—Choking of the throat (fifth day),[2].—Tickling sensation in throat, with expectoration of stringy mucus (after one hour and a half, fifth day),[2].—[50.] Throat feels full, as though the tonsils were enlarged (after half an hour, first day),[2a].—Dry tickling sensation in fauces, with hawking up of stringy mucus at intervals of every few minutes, which was extremely troublesome,

for three hours; this symptom seems always to be relieved by eating (after one hour and a half, first day),[2a].

Stomach.—Appetite. Appetite somewhat diminished (nearly six hours after first dose, second day),[2].—Appetite much diminished (after four hours and a half, fourth day),[2]; at noon (third day),[2a].—Loss of appetite (fourth day),[3].—Loss of appetite, with the nausea and headache (fourth morning),[1].—Great loss of appetite, with the nausea and headache (fourteenth day),[1a].—***Nausea.*** Nausea on rising (fifth day),[1a].—Frequent nausea and great loss of appetite, with the oppressive frontal headache (fourteenth day),[1a].—Slight nausea (after eight hours and a half, third day),[2a].—[60.] Slight feeling of nausea and dizziness, on going to bed (third day),[1].—Slight nausea, with heaviness of the head and roaring in the ears (after second dose, second day),[1a].—Slight nausea, with cold, chilly feelings over the body (after second dose, third day),[1].—***Stomach.*** Sensation in stomach and bowels as though food did not digest well; sour eructations, which continued for considerable time after eating; quite unusual, as my stomach never troubles me in that way (after five hours and a half),[2].

Abdomen.—Hypochondria. Feeling of fulness and oppression over the right hypochondrium (after two hours and a half, fourth day),[2].—Tenderness over right hypochondrium (after five hours and a half, second day),[2a].—Pain over region of liver (after four hours and a half, fourth day),[2].—***General Abdomen.*** Fulness and distension of the bowels; tenderness over right hypochondriac region (after eight hours and a half, third day),[2a].—Bowels feel tender and oppressed (after four hours and a half),[2].

Stool.—Passed, within ten minutes of each other, three very light clay-colored stools (after four hours and a half, fourth day); thin, whitish clay-colored stool (after three hours and a half, fifth day),[2].—[70.] Passage of thin clay-colored stools twice in rapid succession (after twelve hours and a half, third day),[2a].—Passage of large yellow clay-colored stools (after five hours and three-quarters, second day),[2a].—Passed large whitish clay-colored stools (after eight hours and a half, fifth day): these irregularities I think must be ascribed to the action of the medicine, as I am usually very regular, having but one passage daily,[2].—Soft mushy stool, unusual with me in winter (it was in January); the same was the case yesterday morning, and may be the effects of the drug (fourth day),[1].

Urinary Organs.—Frequent but scanty urination, at 3 P.M. (first day),[3].—Urine excessive in quantity (second day),[3].

Respiratory Organs.—Larynx. Tightness and constrictive feeling in larynx, at 11 A.M. (third day),[1a].—Choking sensation just above the thyroid cartilage (after half an hour, first day),[2a].—***Respiration.*** Respiration more frequent and laboring, at 11 A.M. (third day),[1a].—Every now and then take a long breath; feel sad, downhearted, and much oppressed; a peculiar inability to fix my mind upon anything (first day),[2].—[80.] Considerable dyspnœa, with stabbing pains through the heart, at 10 A.M. (third day),[1a].—Passed a miserable night; considerable dyspnœa, with pain in the heart, a constant dull aching pain, much worse from lying on left side (fourth night); continuing until about 11 A.M. (fifth day),[1a].

Chest.—Fulness of thorax (twenty minutes after second dose, second day),[2].—Sensation of weight in the chest, and constrictive feeling under the sternum; constant desire to draw a long breath, without relief from so doing, at 10 A.M. (fourth day),[1a].—Continual feeling of weight and anxiety

in the chest, at 11 A.M. (third day),[1a].—Walking causes indescribable sensations under sternum at the articulation of the third rib (after five hours and a half, third day),[2a].—Slight pain under the sternum at articulation of third rib, which lasted about three minutes, during the choking sensation in throat and frontal headache (third day),[2].—Fulness and constriction under the sternum, with pains of a lancinating character through the chest (after second dose, second day),[1a].— Feeling of weight and pressure under the sternum (first hour, first day),[1a].

Heart and Pulse.—Præcordium. Slight pain over region of heart (after forty minutes, fourth day),[2].—[90.] Much pain over the base of the heart (after half an hour, third day),[2a].—A constant dull pain in the heart, worse when lying down (fourth day),[1a].—Sharp pains through cardiac region (after first dose, second day),[1a].—Sharp sticking pain in the region of the heart (first day),[1a].—On turning on left side, a sharp sticking pain is felt, as if a needle were crosswise in the ventricles and pricked at each contraction (third night),[1a].—***Heart's Action.*** Increase of heart's action to 88 per minute (normal 72); a wavy, tremulous sensation over the radial artery, slightly intermittent at every third beat (after fifteen minutes); 62 (after nearly fourteen hours, first day); 92, wavy, tremulous, easily compressed, intermits at every third beat (half an hour after first dose); 63 (two hours and a half after first dose); 98, wavy, tremulous, slightly intermits every fourth or fifth beat (twenty minutes after second dose); 70 (one hour and fifty minutes after second dose, second day); 100, with peculiar double beats, which seemed to run into each other, full, and easily compressed (after half an hour); 67, except when making ever so slight exertion; this brings on slight palpitation, as upon putting down the window in lecture-room; upon taking my seat, palpitation was quite perceptible for a minute or so; I never had palpitation before that I remember (after fourteen hours and a half, third day),[2].—Heart's action much increased, the force of apex beat being well marked (first dose); apparently depressed for two or three minutes after taking the drug; thumping away at a great rate (ten minutes after second dose, second day); on arriving at the college and mounting the stairs, was seized with a violent palpitation of the heart, obliging me to lie down on the seat (third day),[1a].—Palpitation for five minutes, on running across the street rapidly (after about eleven hours and a half, fifth day),[2].—Slight palpitation of the heart, with sensation of weight and pressure in region of the heart, with occasional sharp stinging pains in that region, passing from before backwards, and lasting but a short time (after one dose, second day); slight recurrence of the pains in the cardiac region; effects noticed for about an hour (after second dose); palpitation of the heart, with marked increase in the force of the apex beat, almost immediately; still noticed after an hour (after third dose, second day); slightly inconvenienced by the increased action of heart and pains darting through the organ, during the night; worse on lying on the left side (second night); apex beat very strong; the hand placed over the heart outside the clothing being visibly stirred by it; passing off rapidly (after first dose); passing off in an hour (after second dose); same remarkable increase in violence of heart's action, coming on within five minutes after taking the drug, increasing in intensity for about fifteen minutes, and gradually passing off in the course of an hour; the pain is of a dull dragging character, not relieved by any position or by pressure with the hand (after third dose), (third day),[1].—Each slight exertion caused slight palpitation, with dizziness (fifth day),[2].—[100.] Slight exer-

tion, as rising from a chair, coughing or laughing, causing distressing palpitation with increase of the dull pain, which is constantly felt, at 10 A.M. (fourth day),[1a].—Could scarcely walk to the college on account of the palpitation, which was plainly seen over whole chest (after two hours and a half); after remaining quiet for about ten minutes the palpitation gradually subsided, but would appear again on any slight exertion; the sounds of the heart upon auscultation were found to be considerably increased, especially over the semilunar valves (third day),[2a].—Heart's action weak and fluttering, at 11 A.M. (third day),[1a].—***Pulse.*** Pulse rapid; heart beats too fast, and she feels excited, at 5 P.M. (first day),[3].—Normal rate of pulse 65 to 70; considerable acceleration of pulse, rising to 96 (fifteen minutes after first dose); 60 (seven hours after first dose); 98, regular and full (within fifteen minutes after second dose); great acceleration, irregular and jerking, with a peculiar thrill under the finger almost immediately (second day); same acceleration, as from last dose (after first dose); same symptoms, passing off in an hour (after second dose); same remarkable increase, coming on within five minutes, increasing in intensity for about fifteen minutes, and gradually passing off in the course of an hour (after third dose, third day); pulse rose 90, with slight palpitation, less noticeable than common (fourth day),[1].—Pulse rose from 70 to 90, hard and jerking, with an intermission every third beat (after five minutes, first day); 100 and irregular (after first dose); 100, full and strong, but somewhat irregular (ten minutes after second dose, second day); 80, small, weak, at 11 A.M. (third day),[1a].—Pulse 90, undulating, tremulous (after twenty-five minutes); 83 (after forty minutes); 65 (after two hours and twenty-five minutes, fourth day); 90 (after half an hour); 70, intermittent, irregular, thin, and wiry (after one hour and twenty minutes, fifth day),[2].—Pulse 77, irregular, full; intermits irregularly, sometimes at every third beat, at other times every fourth, fifth, or sixth beat; auscultation reveals no abnormal sounds, but there seems to be great excitement of the muscular contractions of three or four beats, after which there is a much longer interval than usual before another pulsation; every little exertion, as walking across the room, increases this irregularity (after half an hour); 62, regular, full, but very easily compressed (after one hour and a half, first day); 80, very tremulous and irregular; the pulsations do not seem to be well defined; seem to run into each other (after half an hour); 72, regular (after one hour and a half, second day); 90 (after half an hour); 85, irregular and intermittent (after four hours and a half); heart still very susceptible to slight exciting causes (after ten hours and a half, third day),[2a].

Neck.—Sensation of fulness in neck and head (after fifteen minutes, second day),[2].

Superior Extremities.—Slight appearance of rheumatic pains in right shoulder (after four hours and a half, fourth day),[2].—[110.] Pain dull and heavy in left arm, first commencing in tips of fingers, with tingling and numbness (after half an hour, third day),[2a].—Dull aching in left arm, as though I had slept upon it through the night (after one hour and a half, second day),[2a].—Dull heavy aching in left arm (after half an hour, second day),[2a].—Tingling and numbness, commencing in fingers of left hand, and gradually extending up the arm (soon, second day),[2a].

Inferior Extremities.—Exercise brings on a kind of trembling of the muscles of lower extremities (after twenty-five minutes, fourth day),[2].

General Symptoms.—Trembles, in the evening (third day),[3].—

Languid and depressed since taking last dose (six hours after second dose, third day),[1].—Great lassitude, at 10 A.M. (fourth day),[1a].—Weary (fourth day),[3].—Weak, nervous, and exhausted on rising, with nausea and dizziness (fifth day),[1a].—[120.] Loss of strength; wish to lie down (after four hours, fourth day),[2].—Feeling of being tired, wish to lie down (after nearly fourteen hours, first day),[2].—Got up feeling weak, in the morning (fourth day),[3].—Feeling of weakness and debility at noon (after five hours and a half, third day),[2a].—Feel weak, nervous, and very irritable: great desire for some kind of stimulant (after two hours and a half, first day),[2a].—Feel weak, as though I had been working hard (nearly two hours after second dose, second day),[2].—Feeling of inability to move even a finger (two hours and a half after first dose, second day),[2].—General feeling of sickness; cannot remain in lecture-room, heat of room seems to make me sick, feel better in the open air (after one hour and twenty minutes, fifth day),[2].—Feel as though I had been sick a long time and were just recovering (after twelve hours and a half, third day),[2a].—Nervous and irritable on rising (second day),[1].—[130.] Very nervous (after about thirteen hours and a half, fifth day),[2].—Feeling of nervous excitement in whole system (half an hour after first dose, second day),[2].—Had to lie down on account of a peculiar trembling sensation throughout the whole body, especially lower extremities (after half an hour, third day),[2a].—Feeling of lameness and soreness throughout the whole body, as though I had taken cold (after four hours and a half, third day),[2].—A severe attack, like influenza, namely, headache, watery eyes, stuffed nose, cough, with soreness in the chest, fever with chilliness, puffed face, etc.,[3].

Sleep and Dreams.—Sleepiness. Sleepiness, at 3 P.M. (first day),[3].—Heavy sleep in the morning (fourth day),[3].—***Sleeplessness.*** Sleeplessness (second day),[3].—Restless night, with horrid dreams (third night),[1].—Passed a very restless night, with frightful dreams (third night),[1a].—[140.] Very restless all night; tossing about, much disturbed by the dull aching pain about the heart (second night),[1a].—***Dreams.*** Sleep during the night disturbed by all sorts of dreams (quite uncommon with me, as I seldom dream), (first night),[2].—Very much disturbed by ludicrous dreams; restless, and continually turning in bed (second night),[2a].—Restless night, much disturbed by dreams of home (first night),[1].

Fever.—Chilliness. Skin cool and moist (after forty minutes, fourth day),[2].—Cold, chilly feeling over the body, with slight nausea (after second dose, third day),[1].—Both hands and feet feel cool (twenty minutes after second dose, second day),[2].—Hands, feet, and face cold and sweaty, with sleeplessness (second day),[3].—***Heat.*** Fever, with chilliness, at 3 P.M. (first day),[3].—Heat and fulness in neck and head (half an hour after first dose, second day),[2].—***Sweat.*** [150.] Cold sweat on the face and hands, in the evening (third day),[3].

Conditions. — Aggravation. — (*Night*), The symptoms. — (*Lying down*), Pain in heart.—(*Stooping*), Dizziness.

Amelioration.—(*Afternoon*), The symptoms.—(*Open air*), Feeling of sickness.—(*Eating*), Hawking up mucus.

IGNATIA.

Strychnos Ignatia, Bergius (Ignatia amara, Linn., formerly applied to this plant, seems to belong to one entirely different; see Flückiger and Hanbury, Pharmacographia, p. 387, note).

Natural order, Loganiaceæ.

Common names, St. Ignatius's bean; Faba Sancti Ignatii.
Preparation, Triturations of the bean.
Authorities. (Nos. 1 to 7 from Hahnemann, R. A. M. L., 2, p. 145.) **1**, Hahnemann; **2**, F. H—n; **3**, Gross; **4**, Bergius, Mat. Med., p. 150, general account, all symptoms, save 431 evidently from Camelli; **5**, Camelli (omitted, see Nos. 25 to 28); **5** *a*, Durius, Misc. Nat. Cur. Dec., III, ann. 9, 10. Obs. 126, no mention of pathogenetic effects of Ignatia here; it is reported to be anti-epileptic; **6**, Grimm, Eph. Nat. Cur., Obs. 72 (Cent. X), from 1 drachm taken by a man, symptoms appeared in an hour; **7**, Valentinus, Hist. Simpl. reform, p. 198; (not accessible, Hughes); (Nos. 8 to 17, Jorg's provings, Jorg's Materialien, provings with tincture, 8 ounces of 80 per cent. alcohol contained 1 ounce of bean, and trituration of equal parts of bean and sugar of milk); **8**, Friedrich took tincture, first day 9 drops, second day 14 drops, fifth day 18 drops, sixth day 23 drops, eighth day 27 drops, ninth day 32 drops, fourteenth day 36 drops, sixteenth day 45 drops, nineteenth day 54 drops; *Note:* From the twenty-ninth to the thirty-second day the prover suffered from a usual gastric derangement, with headache, so that he suspended the proving; **9**, Guntz took tincture, first day 11 drops, second day 18 drops, afterwards took 18 drops, and after three days 27 drops, then after five days 4 drops, and later repeated last dose; **9** *a*, same took powder, first day $\frac{1}{2}$ grain, second day 1 grain, third day 2 grains, fourth day 3 grains, fifth day 4 grains, sixth day 5 grains; **10**, Kneschke took tincture, doses from 9 to 63 drops; **10** *a*, same took powder, doses $\frac{1}{2}$ to 3 grains; **11**, Kummer took tincture, doses 9 to 45 drops; **12**, Meurer took tincture, 8 to 40 drops; **13**, Pienitz took tincture, 15 to 50 drops; **14**, Seyffert took a dilute tincture ($\frac{1}{20}$), 30 to 100 drops; **15**, Strœfer took tincture, 9 to 45 drops; **16**, Jærg took tincture, 9 to 27 drops; **16** *a*, same, provings repeated, with powder, $\frac{1}{2}$ to 2 grains; **17**, Otto took powder, $\frac{1}{2}$ to 4 grains; **18**, Lzin, from Helbig Heraclides, I, p. 48; **19**, Hg. from same; **20**, Ol. from same; **21**, Mhl. from same; **22**, Symptoms from Dr. Knorre, A. H. Z., VI, 35; **23**, Hahnemann, Hufeland's Journ., 1797, effects of large doses in a boy of 20; **24**, Berridge, Mr. —— took 12th dilution, N. Am. J. of Hom., N. S. III, 501; **25**, Camelli, Med. Museum, 1764, p. 430, general statement; **26**, same, gave a scruple of powdered bean to a patient of a melancholic habit, suffering from a flux, weak digestion, frequent vomiting, sour belchings, and much flatulence; **27**, same, another patient took a whole fresh nut for hypochondriac troubles; **28**, same, another took a third of a nut; **29**, Dr. Bruckner, A. H. Z., 57, 164, effects on vision from taking two or three doses of Ignatia for neuralgia of the right hip-joint.

Mind.—Emotional. Nightly fancies, which fatigue the mind,[1].—He fancies that he is unable to proceed, that he cannot walk,[1].—A fixed idea, which he pursues in his thoughts, or expatiates upon with great earnestness and exhaustiveness in conversation (after two hours),[1].—Fixed ideas, as for example, of music and melodies, in the evening, before and after lying down,[1].—Desires improper things, and cries aloud when they are refused,[1].—Involuntary weeping for three days,[24].—Howls, cries, and is beside herself on account of trifles (after one hour),[1].—If she is refused even gently what she wishes, or if one tries to persuade her, even with gentle, kind words, or if others wish something different from what she wishes, then she cries aloud (after one hour),[1].—Merry and jesting mood (after eight hours),[1].—[**10.**] *Boldness* (after three and five hours),[1].—Sadness towards evening,[1].—Quiet, earnest melancholy; cannot be induced to talk or be cheerful; with flat, watery taste to all food, and little appetite

(after twenty-four hours),[1].—*Tender mood, with very clear consciousness*,[1].—**Anxiety*,[6].—**Anxiety, as if he had committed some crime*,[1].—Inability to express himself distinctly on account of anxiety,[23].—Anxiety of short duration (after quarter of an hour),[1].—*Great anxiety,[23].—Extreme anxiety, which prevents talking,[1].—[**20.**] Fearfulness, timidity; she has no confidence in herself, gives up everything,[1].—**Fear of thieves, on waking after midnight* (after ten hours),[1].—She fears that she will have an ulcer in the stomach,[1].—*Unusual tendency to be frightened*,[1].—**Dread of every trifle, especially of things coming near him* (after one hour),[1].—Very transient fretfulness and ill-humor,[1].—**Slight contradiction makes him ill-humored and angry* (after eight hours),[1].—***Slight blame or contradiction excites him to anger, and this makes him angry with himself*** (after thirty-six hours),[1].—Contrary to his will, thinks of vexatious and peevish things, and dwells upon them (after half an hour),[1].—Absorbed in himself, peevish and soured (after half an hour),[1].—[**30.**] Extremely morose, finds fault, and makes reproaches,[1].—The various pressures on and in several parts of the head together make him morose and peevish,[3].—He is discontented, morose, and obstinate towards evening; no one can do anything right or please him (after eight hours),[1].—***Inconstant, impatient, irresolute,*** *quarrelsome*, in recurring attacks every three or four hours,[1].—Unreasonable complaining about too much noise (after two hours),[1].—***Finely sensitive mood, delicate conscientiousness*** (after twenty hours),[1].—***Incredible changes of mood;*** *at one time he jokes and makes merry, at another he is lachrymose, alternating every three or four hours*,[1].—He jokes a few hours after he has been angry (after six hours),[1].—*Indifferent to everything; he seemed to live without his usual good humor (fifth day),[10a].—***Intellectual.***—Very busy mood; he does now this, now that, in a restless way,[1].—[**40.**] *Hurry of mind, after exerting the brain, especially in the morning; he is unable to talk, write, or do anything else as rapidly as he wishes; whereupon there occur anxious behavior, mistakes in talking and writing, and awkward actions requiring constant corrections (after twenty hours),[1].—Dulness of sense, with inclination to hurry; while hurrying, the blood rushes into the face (after six hours),[1].—He is scarcely able to keep his thoughts fixed for a moment,[12].—Thought was impeded and very difficult on account of the affection of the head (sixth day),[10a].—He walks about quite perplexed, disconcerted, and stupid,[6].—*Memory weak and untrustworthy (after eight and ten hours),[1].

Head.—Confusion and Vertigo. Confusion of the whole head (a few minutes after the dose, sixteenth day),[10].—Confusion and pain in the head (after half an hour, fifth day),[10a].—Confusion and discomfort of the head, on waking in the morning (seventh day),[9a].—Confusion of the head, which, after half an hour, became a pressive pain upon the vertex; after an hour this pain extended down into the left eye, and at the same time affected the whole head,[16a].—[**50.**] Confusion of the head; pains in the right side, especially in the occiput; these symptoms were aggravated not only by thinking but also by speaking (fourth day),[10a].—Confusion of the head, like intoxication, lasting the whole day, and at times becoming a decided pressive pain in the forehead, especially in the right half, so that thought was very difficult (third day),[11].—Confusion of the head, on waking in the morning (like that of the day previous), lasting till after dinner (fourth day); on the next day it continued, and soon changed to a pressive pain seated in the forehead and affecting the eyes, so that movement of the lids and eyeballs was painful; ascending steps or any violent exer-

tion of the body aggravated the pain,[11].—Slight confusion of the whole head, like that which precedes coryza (after two hours, first day),[10a].—Slight transient confusion of the head (third day),[14].—Transient obscuration of the head,[16a].—*Vertigo*,[4]; (after half an hour),[12].—Vertigo with transient headache,[14].—Vertigo, so that he staggered and could not, without difficulty, stand erect (soon after 40 drops),[12].—Vertigo, changing to a pain in the right half of the occiput (afterwards in the former place), (twelfth day),[10].—[**60.**] A kind of vertigo; a feeling of swaying to and fro,[1].—Slight vertigo (tenth day),[10].—Violent vertigo, combined with some stitches in the head, lasting all day, till 10 P.M.,[12].—Swimming in the head,[27].—Intoxication (after one hour),[6].†—Beer rises easily to the head and causes intoxication (after three hours),[1].—A strange sensation in the head, a kind of intoxication as from brandy, with burning in the eyes, immediately,[2].—***General Head.*** *He inclines the head forward*,[1].‡—*He lays the head forward upon a table*,[1].—A feeling as though the head was hollow and empty,[1].—[**70.**] *Heaviness of the head* (after four and six hours),[1].—Heaviness of the head, on waking in the morning (second day),[13].—Heaviness and confusion of the head,[13].—Heaviness of the head, as if it were filled with blood (as after stooping too low), with tearing pains in the occiput, which were relieved by lying upon the back, aggravated on sitting erect, but mostly relieved by bending the head low forward while sitting,[1].—*Heat in the head*,[1].—*Headache with every beat of the arteries*,[1].—Headache, especially in the frontal region, just above the eyes, at 2 P.M. (after four hours, first day),[17].—**Headache aggravated by stooping* (after one hour),[1].—Headache coming on immediately after stooping low, disappearing at once on becoming erect (after eighteen hours),[1].—Violent headache in the morning in bed on waking and opening the eyes, which disappears after rising (after forty hours),[1].—[**80.**] It seems as though the head was too full of blood; and the nose internally is very sensitive to external air, as in impending nosebleed,[1].—Headache immediately after the midday nap; a general pressure through the whole brain, as if there was too much brain or blood in the head, gradually aggravated by reading and writing (after twenty hours),[1].—Headache is brought on by talking or speaking loud, as if the head would burst; it disappears entirely while sitting still, reading, and writing (after forty-eight hours),[1].—Pressure and heaviness in the head during the afternoon and evening,[16a].—**Headache, like a pressure from something hard upon the surface of the brain, by paroxysms* (after six hours),[1].§—**Sudden pressure in the head, now in one place, now in another, in the evening* (sixth day); this continued through the night, but did not prevent sleep; the next morning he was not refreshed, and the pressure in the head continued and increased to a real pain, which lasted till 3 P.M.,[17].—Painful pressure extending from the forehead to different places in the head, returning in the evening, more violent than in the morning, and lasting till he went to sleep; on waking in the morning he was quite well (third day),[17].—Pressive pains in the head, especially in the forehead,[16].—Pressive headache in the morning, aggravated after eating (seventh day),[12].—Dull pressive headache, extending over the whole head (after a few minutes),[15].—[**90.**] Stitches shoot through the head (soon after forty drops),[12].—Tearing headache after midnight, while lying on the side, disappearing while lying

† From one drachm.—HAHNEMANN.

‡ Symptoms 67, 68, 73, 124, are alternate actions with 77, 78, 79, both of equal value.—HAHNEMANN.

§ This and almost all the other headaches of Ignatia were speedily removed by coffee.—HAHNEMANN.

on the back,[1].—Headache, as if bruised (after eight hours),[1].—**Headache in the morning on waking, as if the brain were beaten and bruised; on rising it disappears and a toothache takes its place, as if the nerve of the tooth were shattered and crushed, then it changes to a similar pain in the small of the back; the headache is always renewed on thinking,[1]. — Throbbing headache,[1].†—**Jerking pain in the head, on ascending steps,[1].—**Jerking headache, aggravated by raising the eyes* (after one hour),[1].—Headache aggravated by talking,[1].—The headache is increased by reading and by paying strict attention to a speaker, but not by simple free thought (after six hours),[1]. —***Forehead.*** A kind of dulness, which at times amounted to real pain in the forehead, in the forenoon (fourth day),[17].—[**100.**] Pain in the forehead (second day),[9a].—Headache in the region of the forehead, which extended at times more to the right, at other times more towards the left eyeball, and was aggravated by motion of the body, from 2 P.M. till evening (after 8 drops),[11].—**Dull headache, confined to the right half of the forehead and involving the right eye, which was very sensitive to the light;* the pain in the right eye was aggravated by moving it; the pain disappeared towards evening, both from the eye and the forehead (after 45 drops),[11].—Cramp-like headache above the root of the nose, in the region of the inner canthus (after three hours),[1].—Raging headache, a constant digging beneath the right frontal eminence and on the right side of the frontal bone,[3].—Pressure in the forehead (second day),[17].—Pressure in the frontal region, extending to different places in the head, not lasting long in any place (third day),[17].—*Pressure in the right frontal region, above the eyebrow (after two hours, first day),[10a].—Dull pressure in the forehead, extending into the nasal cavities, and every ten minutes a sensation as though violent coryza would develop; when, after ten minutes, the sensation in the nose was better it extended to other parts of the head, and so alternated for an hour, when it entirely disappeared, but returned again after an hour with great violence, lasting an hour and a half, when it entirely vanished (fifth day),[17].—A stupefying intermitting pressure beneath the left frontal eminence,[3].—[**110.**] *Pressive pain in the frontal region* (soon, first day),[11]; (second day),[17]. —Pressive pain in the forehead, with pressure in both eyes, towards noon, lasting till 2.30 P.M. (eighth day),[8].—Pressive pain extending from the forehead downward on either the right or left side, but not involving the eyes,[16a].—Pressive pain deep beneath the right side of the frontal bone,[3].—Slight pressive pain in the frontal region, aggravated by the bright sunlight (after 36 drops),[11].—**Pressive headache in the forehead above the root of the nose, which compels him to bend the head forward, followed by qualmishness* (after five hours),[1].‡—Pressive headache in the right side of the forehead, extending thence to the left side, and afterwards over the whole head (sixth day),[9a].—Pressive headache in the right half of the forehead, which after an hour extended to the left side (fifth day),[9a].— —**Pressive headache in the right side of the forehead, extending down into the right eye; it seemed as though the eyeball would be pressed out; at the same time there were burning in the eyes and increased lachrymation, with much mucus,*[16a].—Violent pressive headache in the frontal region and around the orbits; this pain increased hour by hour, and distressed him till going

† This kind of headache was frequently noticed in one side of the occiput, a few hours after a dose.—HAHNEMANN.

‡ The relief from stooping in this symptom, as also in S. 73, is in contrast to S. 77, 78, 120, which are aggravated by stooping; the latter, however, seems to deserve precedence for homœopathic cures in which it is more frequent and more pronounced.—HAHNEMANN.

to sleep in the evening; on waking he was quite well (after 36 drops),[10].—[120.] **A pressive and somewhat drawing headache above the right orbit at the root of the nose, renewed by stooping low down* (after ten hours),[1].—Sticking pain in the forehead, and extending to the temples,[18].—Sticking pains in the whole forehead, and on the right side of the occiput; in the latter place they were rather pressive than sticking (third day),[10a].—Sticking pain in the forehead, especially above the eyebrows (fifth day),[10a].—Tearing headache in the forehead and behind the left ear, which was tolerable while lying on the back, but aggravated by raising the head; with heat and redness of the cheeks, and hot hands (after five hours),[1].—Throbbing in the head above the right eyebrow,[1].—***Temples.*** A pressure in the temples, at times associated with deep sleep,[1].—Excessive pressure in both temples, especially in the right,[3].—Pressive headache in both temples, lasting not over thirty minutes (after one hour, first day),[9].—Violent pressive headache in the temples,[9].—[130.] Headache as if the temples were being pressed outward,[1].†—Raging headache in the morning in bed, while lying upon either side, as if it would press out at the temples, relieved by lying upon the back (after forty-eight hours),[1].—Deep stitches in the right temple (after three-quarters of an hour),[3].—***Vertex.*** Pressive contractive pain in the region of the vertex, which extended to the forehead, where it remained till 4 P.M. (soon, first day),[5].—***Parietals.*** Pressive pain in the right side of the head, in the forenoon (fourth day),[9a].—Pressive headache in one-half of the brain, while walking in the open air, aggravated by talking or reflecting (after two hours),[1].—***Occiput.*** Pain in the occiput just above the mastoid process, at times involving the auditory apparatus, when the hearing seemed to be blunted, in the afternoon (second day),[17].—Pressure and pressing pain in the right half of the occiput, lasting till he fell asleep (sixteenth day),[10].—Pressive pain in the occiput, more on the right side (sixth day),[10a].—Pressive headache in the right half of the occiput, lasting the whole day, but disappearing after a night's sleep (tenth day),[10].—[140.] Pain as if the occipital bone was pressed inward,[3].—***External Head.*** (The hair of the head falls out), (after thirty-six hours),[1].—External headache; the head is sore to touch,[1].—External headache, extending from the temples across the orbits; when touched it pains as if beaten,[1].

Eye.—Objective. Sits looking as though in deep thought; stares in front of him, but is completely without thought (after two hours),[1].‡—***Subjective.*** **Pain extending from the head into the left eye, when the eyes began to burn and water,* the lids became swollen, and the meibomian glands secreted much mucus,[16a].—Pressure in the right eye from within outward; it seems as though the eyeball was protruding from the orbit (fifth day),[10a].—Pressure in and above the eyes on waking in the morning (second day),[13].—Painful pressure above the eyes, with pressure in the eyeballs, especially on looking at the light,[13].—(Stitches in the right eye),[1].—[150.] Much irritability of the right eye; increased secretion of mucus in both eyes,[16a].—Itching within the eye (after two hours),[1].—***Brow and Orbit.*** A vio-

† The headache forcing and pressing out at the temples, 82, 130, 131, as also the pain as if the head would burst, is related to the bursting sensation in the intestines, 415, and even to the pain in the throat, 273, and also to 287 and 366, since the internal sensation of compression and constriction alternates with the sensation of pressing asunder; at least, the pressing asunder sensation is a frequent direct alternate effect of constriction in the hollow viscera, 445, 446, 527, 263, 557, 560, 561.—HAHNEMANN.

‡ This is an unusual condition; alternate action with the subsequent symptoms, 3, 4, 9, 13, 35, 28.—HAHNEMANN.

lent pressure beneath the left eyebrow,[3].—Pain below the orbits and in the cheek, where it has extended from the head (third day),[17].—***Lids.*** Agglutination of the lids in the morning, with purulent mucus; on opening the eyes the light is blinding,[1].—The lids are agglutinated in the morning; there is pressure within the eye as from sand; on opening the lids, sticking in the eyes (after thirty-six hours),[1].—Weariness as if the eyelids would close,[1].—Sensation as if a particle were in the left external canthus, which alternately affects the tissues,[3].—Pain in the inner surface of the upper lid, as if it were too dry, in the evening,[1].—Pressive pain behind and above the upper lids of both eyes, lasting two hours (soon, first day),[13].—[160.] Sticking tearing in the external canthus; the eyes are agglutinated in the morning, and water in the forenoon,[1].—Pain like a soreness in the external canthus, on closing the eye,[1].—Biting in the external canthi (after twenty-four hours),[1].—Gnawing biting on the margins of the lids (in the morning, while reading), (after eighteen hours),[1].—***Ball.*** Itching of the eyeball at the inner canthus (after four hours),[1].—***Pupil.*** Pupils more easy to dilate and are dilated (after four hours),[1].—The pupils dilate easily, and just as easily contract,[1].—Pupils are more inclined to dilate than to contract (later action),[1].—Pupils cannot be dilated,[23].—Pupils at first contracted,[1].†—***Vision.*** [170.] Dimness of vision of the right eye, as if a veil had been drawn in front of it; after the midday nap (after six hours),[1].—Is unable to endure the glare of light (after eight hours),[1].—The glare of light is intolerable (after ten hours),[1].—Objects seem to move before the eyes (after 40 drops),[12].—It becomes dim before one eye in the evening, while reading, as if tears were in it which he should wipe away; there is, however, no water in it,[1].—**Zigzag and serpentine, white flickering at one side of the field of vision* (soon after dinner), (after thirty hours),[1].—A circle of white glittering, flickering zigzags about the point of vision; therewith the letters to which one directs the eye became invisible, but those next to them were distinct (after sixteen hours),[1].‡—On reading, the letters to which the eyes were directed became invisible, but those in the immediate vicinity seemed more distinct than ever; it seemed as if the middle of the word was marked with chalk, while the beginning and end of a long word, or the first and last letters of a monosyllabic word, had become more distinct, lasting about an hour,[29].

Ear.—Pain in the inner ear,[1].—Stitches within the ear (after three hours),[1].—[180.] (He feels a throbbing within the ear),[1].—*Itching in the auditory canals* (after three hours),[1].—***Hearing.*** Noise is intolerable, therewith the pupils dilate more easily than natural (after six hours),[1].—Music causes an unusual and agreeable sensation (after two hours),[1].§—Insensibility to music (after thirty hours),[1].—*Ringing in the ears,[1].—Roaring in the ears (after 40 drops),[12].

Nose.—Objective. The nostrils are ulcerated,[1].—(He is unable to draw air through the nose on closing the mouth),[1].—Catarrh; dry catarrh,[1].—[190.] *Fluent coryza,[3].—At first, trickling from the nose, afterwards coryza (after half an hour),[1].—(Nosebleed, immediately),[1].—***Subjective.*** Stoppage of one nostril, as if by a little leaf internally; not like a dry catarrh,[1].—Sensation of ulceration and soreness in the inner angle of one

† 165, 166, 167, 169, are alternate effects; contraction seems to have precedence in point of time and so also in rank.—HAHNEMANN.

‡ 175, 176, are two alternate effects, which approximate very nearly to Hertz's so-called false vertigo.—HAHNEMANN.

§ 183, 184, are alternate effects.—HAHNEMANN.

or both nostrils (after twelve hours),[1].—Tickling in the nose,[1].—Crawling itching in both nostrils,[1].

Face.—Gets red in the face from slight contradiction,[1].—***Cheeks.*** Pressure in both zygomata before going to sleep,[3].—An intermitting, paralytic-like pressure in the zygomatic process of the left upper jaw,[3].—[**200.**] Sticking pressure in the zygoma in front of the left ear,[3].—Fine stitches in the cheeks,[1].—***Lips.*** *The lips are cracked and bleeding*,[1].—One corner of the lips becomes ulcerated (after two hours),[1].—The inner surface of the lower lip is ulcerated (without pain),[1].—An enlarged gland on the inner surface of the lower lip, with sore pain,[1].—An enlarged cutaneous gland on the inner surface of the lower lip suppurates with sore pain (after four hours),[1].—*Sticking in the lips*, especially on moving them (after a quarter of an hour),[1].—Sticking in the lower lip, even when it is not moved (after eight hours),[1].—An exceedingly piercing fine sticking in the lower lip when touching a hair of the beard in that place, as if a splinter were sticking in it (after eight hours),[1].†—[**210.**] *The inner surface of the lower lip is painful as if raw and sore* (after eight and ten hours),[1].—***Chin.*** The lower jaw is involuntarily drawn upward and the jaws close, which prevents speech for half an hour (after half an hour),[2].—Moves his mouth in sleep as if eating (after three hours),[1].—Pain in the articulation of the lower jaw, in the morning while lying down,[1].—Pressure beneath both rami of the lower jaw, as if the flesh beneath the jaw were pressed downward, during rest and motion,[3].

Mouth.—Teeth. The teeth are loose and painful,[1].—One of the front teeth is numb and very loose; it is painful whenever touched with the tongue,[1].—Pain in the teeth (in the morning), as from looseness,[1].—Tendency to toothache and looseness of the teeth, persisting after the proving,[1].—Toothache commencing near the end of the meal and continuing to increase after eating,[1].—[**220.**] Clawing digging pains in the incisors, in the evening (after half an hour),[1].—Immovable sore pain in the anterior molars, especially when reading (after three hours),[1].—Pain in the back teeth as if their nerves had been crushed and bruised,[1].—***Gums.*** The inner side of the gum is painful as if numb, as if it had been burnt,[1].‡—***Tongue.*** He easily bites one side of the posterior part of the tongue when talking or chewing (after five, eight, and twenty hours),[1].—The glands under the tongue seemed to be excited; they were inflamed and swollen,[16a].—The front half of the tongue becomes numb while talking; while eating it feels burnt or sore,[1].—Burning on the tongue, immediately,[1].—Fine sticking in the extreme tip of the tongue (after two hours),[1].—Needlelike stitches in the frænum of the tongue,[2].—[**230.**] There is a sharp feeling in the tip of the tongue as if it were sore,[1].—The tip of the tongue is extremely painful (smarting, tearing), as if burnt or sore (in the morning in bed after waking),[1].—Tobacco-smoke bites the forepart of the tongue and causes (dull?) pain in the incisors,[1].—***General Mouth.*** The inner surface of the mouth is covered with offensive-smelling mucus in the morning on waking,[1].—**He easily bites the inside of the cheek near the orifice of the salivary duct while chewing*,[1].—Painful swelling of the orifice of the salivary duct,[1].—Sensation as if the palate were swollen, or covered with tenacious mucus (after four hours),[1].—*Sticking in the palate extending to the inner ear* (after one hour and a half),[1].—The whole inner surface of the mouth

† Compare 637.—HAHNEMANN.

‡ 215, 216, 217, 223, seem to be secondary effects.—HAHNEMANN.

seemed sore,[16a].—Sensation in the palate as if it were sore (as after frequent swallowing of saliva),[1].†—***Saliva.*** [240.] *Increased accumulation of saliva (fifth day),[9a].—Increased secretion of saliva after each dose,[17].—Saliva more profuse than usual, during the first forenoon,[9].—Flow of saliva from the mouth during sleep (after one hour),[1].—Frequent spitting of saliva,[1].—**Copious secretion of saliva,*[14]; (sixth day),[12].—Secretion of a large quantity of saliva for twelve hours (fourth day),[13].—Very great accumulation of saliva (soon after 5 grains); this continued to recur during the forenoon, and was accompanied by very distressing nausea (sixth day),[9a].—Spitting of frothy saliva the whole day,[1].—Profuse secretion of very white frothy saliva,[16a].—[250.] *The mouth is constantly full of mucus,*[1].—***Taste.*** A peculiarly insipid taste, as though he had eaten chalk,[16a].—A qualmish taste in the mouth, as after fasting, with appetite and relish for food and drink,[1].—*Taste at first bitter, *afterwards* (after ten hours) *sour, with sour eructations,*[1].—A taste in the mouth as from a disordered stomach,[1].—Watery flat taste in the mouth, as from a disordered or overloaded stomach, after eating (in the morning and at noon), (after sixteen hours),[1].—**The saliva has a sour taste* (**there is a sour taste in the mouth**) (after one and six hours),[1].—Beer has a flat taste, as if "dead" and spoiled (after two and five hours),[1].—Various articles, especially beer, have a bitter and bad taste,[1].—Beer tastes bitter (after eight hours),[1].—[260.] Tobacco-smoke tastes bitter (after five hours),[1].—While eating, drinking, and smoking, the good taste of these things suddenly disappears as soon as the actual need is satisfied, or it changes to an unpleasant taste, and one is unable to take the least particle more of them, though there remains a kind of hunger and thirst,[1].—***Speech.*** Avoids opening the mouth and talking; taciturn (after one to four hours),[1].

Throat.—Constrictive sensation in the pit of the throat, which causes a cough, as from sulphur fumes,[1].‡.—**Retching* (*constrictive*) *sensation in the middle of the throat as if there were a large morsel of food or a plug sticking there;* **felt more when not swallowing than when swallowing** (in the evening), (after four hours),[1].‡—Pressure in the throat,[1].—Sticking low down in the throat when swallowing; *it disappears on continuing to swallow and returns when not swallowing,*[1].—**Sticking in the throat when not swallowing; when swallowing it seems as though one swallowed over a bone, causing a cracking* (after three hours),[1].§—**Sensation as though a plug were sticking in the throat, noticed when not swallowing,*[1].—Needlelike stitches low down in the throat in quick succession, when not swallowing,[1].—[270.] Sore throat, the internal throat is painful as if raw and sore (after one hour and a half),[1].—Pain in the throat as from soreness, only noticed when swallowing,[1].—**Sore throat; stitches which are not felt while swallowing,*[1].—Sore throat, like a lump in the throat, which is painfully sore when swallowing (after sixteen hours),[1].‖—***Sore throat; sticking in it when not**

† Compare 273, 270, 271.—HAHNEMANN. ‡ See note to S. 130.—HAHNEMANN.

§ If there is an alternate action of Ignatia in which there is a sore throat, with sticking on swallowing (I have never met with it in my experience), it must be extremely rare, and hence of little value as an indication. I have never been able to cure with Ignatia a sore throat in which sticking occurred only during the act of swallowing, even though the other symptoms seemed to be similar to those of Ignatia; when, however, the stitches in the throat are only felt when not swallowing, a cure follows with Ignatia, the more certain, speedy, and lasting, the more the other symptoms of the patient can be covered by those of Ignatia.—HAHNEMANN.

‖ The Ignatia-angina, with internal swelling of the throat like a lump when not swallowing, causes for the most part a sore pain in this lump only when swallowing,

swallowing, and even somewhat while swallowing; the more he swallows however the more it disappears; if he swallows anything solid, like bread, it seems as though the sticking entirely disappeared,[1].—Sore throat; tearing pain in the larynx, much aggravated by swallowing, breathing, and coughing (after one hour and a half),[1].—***Tonsils.*** Ignatia seems to have irritated the tonsils and salivary glands; there was increased turgescence of the former (second day),[8].—***Pharynx.*** *Crawling in the pharynx* (after one and two hours),[1].—***Swallowing.*** On eating, there was some difficulty in swallowing food or drink,[8].—**He was unable to swallow bread, it seemed too dry,*[1].—[280.] Food seems to reach as far up as the throat, in the evening before falling asleep, and in the morning (after two and fifteen hours),[1].—After eating (dinner) it seems as though the food remained sticking above the cardiac orifice of the stomach, and could not go down into the stomach,[1].—***External Throat.*** Tendency to swelling of the cervical glands, persisting after the proving,[1].—Pain in the glands beneath the angles of the lower jaw, on motion of the throat (after eighteen hours),[1].—The submaxillary glands are painful after walking in the open air,[1].—Pain in the anterior submaxillary glands, as if they were externally compressed,[1].†—Drawing pain in the submaxillary glands, which extends into the jaws, after which the glands become swollen (after five hours),[1].—*Pressive pain in the cervical glands* (submaxillary glands),[1].—Pain, at first pressive, afterwards drawing, in the submaxillary glands (after four hours),[1].—Sticking in one side of the throat, in the parotid gland, when not swallowing (after twenty hours),[1].—[290.] Pain in the throat when touched, as if the glands were swollen,[1].

Stomach.—Appetite. Appetite somewhat increased (third day),[11].—Good appetite; food and drink are relished (after four hours),[1].‡—Appetite very good, but when he attempted to eat he felt satiated (seventh day),[17].—Great appetite,[1].§—Great appetite about 11 A.M.,[16a].—Gnawing, ravenous hunger, with at times qualmishness and inclination to vomit, at 11 A.M.,[16a].—The morning hunger was removed by doses taken before breakfast,[16a].—Great desire for eating about 11 A.M., but when the time for eating came, the appetite had diminished (second day),[10a].—Longing for his meal about 11 A.M., yet he did not relish his dinner (fourth day),[10a].—[300.] Desire for acid things (after ten hours),[1].—Desire for fruit, and it agrees (after three, ten, and twenty hours),[1].—Appetite diminished,[9a].—Appetite much diminished after each dose,[17].—*Loss of appetite,*[13]; (after one to seven hours),[1]; (sixth day),[12].—*Loss of appetite for food, smoke, and drink, immediately,[1].—Complete loss of desire for tobacco, food, and drink, with frequent accumulation of saliva in the mouth, though without aversion to these substances, and without bad taste (after eight hours),[1].—Feeling of satiety (after a few minutes),[16a].—If he smokes in the afternoon it seems as though he had become so satisfied thereby that he could eat nothing in the evening,[1].—Aversion to warm food and meat, desires only bread, butter,

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so the sore throat that will be cured by Ignatia must be characterized (with correspondence of the other symptoms), by these same conditions, when it will be speedily and certainly cured.—HAHNEMANN.

† During motion of the throat and at other times, see also note to 130.—HAHNEMANN.

‡ Secondary or curative effect, following the preceding opposite effect, loss of appetite.—HAHNEMANN.

§ This kind of ravenous hunger seems to be in alternation with 279, 304, 305, 306, 312, 313, but more seldom.—HAHNEMANN.

and cheese (after ninety-six hours),[1].—[**310.**] Aversion to meat and desire for acid fruit, whortleberries (after twenty-four hours),[1].—Aversion to fruit; it does not agree with him (after three hours),[1].—Aversion to milk (previously his favorite drink); while drinking it goes against him, though it has a perfectly natural and not at all nauseous taste,[1].—After drinking with relish boiled milk (his favorite drink), and his extreme necessity is assuaged, there comes a sudden aversion to the remainder, without, however, any nauseous taste and without real nausea,[1].—Aversion to acids (during the first hours),[1].—**Aversion to tobacco-smoking*, as though he had been satisfied therewith, and had already smoked enough,[1].—**Aversion to tobacco-smoking*, although it has not immediately an unpleasant taste (after two and five hours),[1].—***Extreme aversion to smoking tobacco** (after six hours),[1].—***Thirst.*** Thirst in the afternoon and evening,[1].—***Thirst, with a chill,**[1].—[**320.**] Unusual and violent thirst, which continued through the night,[16a].—Aversion to wine,[1].—***Eructation and Hiccough.*** Empty eructations, simply of air (after two hours),[1].—(Suppressed, ineffectual eructations, in the morning in bed, which cause pressive pain in the orifice of the stomach, and in the œsophagus as far up as the pharynx), (after forty-eight hours),[1].—*Eructations of food into the mouth*,[1].†—Moist, musty, mouldy eructations (in the evening),[1].—Eructations tasting of the food, immediately,[1].—Sour eructations,[1].—Bitter eructations, in the forenoon (second day),[13].—**Eructations of bitter fluid* (eructations and rising of bitter fluid into the mouth),[1].—[**330.**] Hiccough, in the evening after drinking (after six hours),[1].—**Hiccough, after eating and drinking* (after three and eight hours),[1].—**Hiccough from tobacco-smoking, in one accustomed to smoking*,[1].—***Nausea.*** *Nausea* (after eighteen drops),[11]; (second day),[9a].—Nausea and loss of appetite in the forenoon (second day),[13].—Nausea toward noon (sixth day),[12].—Nausea and inclination to vomit (soon after 27 drops),[11].—Nausea, and sometimes makes the patient vomit,[25].—**Qualmishness from smoking* (in an old smoker),[1].—Empty ineffectual efforts to vomit,[1].—[**340.**] The efforts to vomit disappear after eating (after two hours),[1].—***Stomach.*** Symptoms of impaired or weak digestion,[1].—**Weakness and emptiness in the pit of the stomach*,[18].—Violent anxiety about the pit of the stomach, with vertigo, faintness, and very cold sweat,[5].‡—***A feeling in the stomach as from fasting**, *with physical exhaustion*,[1].—**Sensation in the stomach as if one had fasted a long time, like an emptiness*, with flat taste in the mouth, and weakness in all the limbs,[1].§—***Feeling of flabbiness in the stomach**; *the stomach and intestines seem to hang down relaxed* (after twenty-four hours),[1].—Burning in the stomach (after one hour),[1].—Burning, pressive and drawing pains in stomach, liver, and spleen,[16].—Coldness in the stomach,[1].—[**350.**] The stomach at times seemed to be over-filled, and at times empty, with which latter feeling there was also ravenous hunger,[16a].—Pains like cramps in the stomach,[1].—Drawing as if the walls of the stomach would be distended, at times also pressure in the stomach,[1].—Drawing in the stomach as if its wall were distended, with at times pressure, but neither symptom was very painful,[16a].—Tendency to pressure in the stomach, persisting after the proving,[1].—Pressure in the stomach,[16a]; (sixth day),[9a].—**Pressure in the pit of the stomach*,[1].—Pressure

† Herewith is associated a symptom which has not been incorporated into the text, "the taste of milk which has been taken in the morning cannot be removed from the mouth for a long time (after twenty-one hours)".—HAHNEMANN.

‡ Effects of a whole bean.—HAHNEMANN.

§ Alternate action with 400, 401, 402.—HAHNEMANN.

in the epigastric region (after 4 drops),[9].—Pressure in the stomach alternating with pressive pain in the cœliac ganglia, as if he had taken Camphor,[16a].—Sharp pinching pressure in the pit of the stomach and right hypochondriac region (after half an hour),[1].—[**360.**] Pressive pain seated in the epigastric region (after fifteen minutes, third day),[17].—Sticking, at first severe, then slight, in the pit of the stomach (after half an hour),[1].—Violent sticking in the pit of the stomach,[3].—Fine sticking in the stomach,[1].—A pain in the pit of the stomach, only noticed when pressing upon it, as if it were sore internally,[1].

Abdomen.—Hypochondria. *Great distension of the hypochondria, especially in the sides, pit of the stomach and small of the back; on account of the tension and fulness under the ribs she was unable to breathe;* with constant anxiety; she was obliged to loosen the clothes,[18].—A constrictive sensation in the hypochondria, as in constipation, with onesided headache, as though a nail were pressed into the brain, in the morning (after twenty hours),[1].†—*Pain in the spleen,* extending from the stomach and thence to the vertebral column; after an hour this sensation changed into stitches, which extended up into the thorax, but did not seem to affect the thoracic viscera; an hour later there were again sticking and burning in the region of the spleen, and this was repeated several times during the day,[1a].—**Painful pressure in the region of the spleen and pit of the stomach,* which, after half an hour, intermitted and continued to recur in intermitting paroxysms till toward noon (third day),[9a].—***Umbilical and Flanks.*** A sensation in the abdomen, in the region of the umbilicus, as if from something alive (after eight hours),[1].—[**370.**] A painful pressure near the left side of the umbilicus,[3].—A painful pressure in a small spot, near the right side of the umbilicus, which is aggravated by deep breathing and voluntary distension of the abdomen, obliging him to retract the navel, which relieves; with rumbling in the abdomen,[19].—Griping colic exactly in the umbilical region, whereupon the pain, consisting of pinching and fine sticking, extended into the left side of the chest,[1].—Cutting in the umbilical region,[16a].—Cutting pain in the umbilical region (after 18 drops),[11]; (sixth day),[10a].—*Sharp sticking, above and to the left of the umbilicus,*[3].—Fine sticking colic beneath the umbilicus (after one and two hours),[1].—Flatulent colic above the umbilicus, alternating with profuse accumulation of saliva in the mouth (after one hour),[1].—Cutting pain in the right side of the abdomen (third day),[11].—*Colic, at first griping, then sticking, in one side of the abdomen* (after two and ten hours),[1].—[**380.**] Pressure in both sides of the upper abdomen or in the hypochondria,[1].—Violent pressure in the left side of the abdomen,[3].—***General Abdomen.*** Distension of the abdomen, especially in the umbilical region (sixth day),[10a].—Distension of the abdomen, with pressure in the umbilical region (fourth day),[10a].—Flatulent distension, immediately after eating,[1].‡—Pinching distension in the whole abdomen, immediately after eating, only on standing, worse on walking, and increasing on continuing to walk until it becomes intolerable, without, however, seeming to be caused by flatulence; while sitting quietly it soon disappears without the emission of flatulence (after four hours),[1].—*Rumbling in the abdomen,*[7]; (after 18 drops),[11].—Rumbling in the abdomen, in

† Our ancestors called this kind of headache clavus. This kind of pain is characteristic of Ignatia; a pressure as from a sharp-pointed instrument, which is also seen in other symptoms, as in 449, 567, 586, where also "pressure as with a hard substance" seems to belong, as in 84, 608.—HAHNEMANN.

‡ Alternate action with 396.—HAHNEMANN.

the afternoon (third day),[9a].—Rumbling in the abdomen, as when fasting (after one hour),[1].—*Rumbling and noises in the intestines*,[1].—[390.] Rumbling and gurgling in the abdomen (soon, second day),[17].—Loud rumbling in the abdomen, after eating,[1].—Rumbling in the abdomen, followed by urging to stool, without an evacuation during the forenoon; but during the afternoon there were several evacuations of normal fæces (fifth day),[17].—Frequent rumbling in the abdomen (fifth day),[9a].—A kind of anxiety rises from the abdomen after breakfast (after twenty hours),[1].—Emission of much flatus, at night, even during sleep, with constant collection of it, so that everything in the abdomen seems to turn to gas,[1].—Profuse emission of flatulence, immediately after eating (after twenty-six hours),[1].—Easy discharge of flatus (after half an hour),[1].†—**Unsatisfactory, short, and abrupt emission of flatus, having an offensive odor, not without exertion of the abdominal muscles* (after twenty-four and thirty hours),[1].—***A peculiar sensation of weakness in the region of the upper abdomen and pit of the stomach** (after two hours),[1].‡—[400.] Anxious painful fulness in the abdomen after eating (in the evening, after thirty-six hours),[1].—The abdomen seems distended after eating,[1].—Abdomen becomes tense after eating, mouth dry and bitter, without thirst; one cheek is red (in the evening),[1].—Peculiar tensive pain, not in the stomach, but in the upper abdomen; it seemed as though the walls of the abdomen were pushed downward and the diaphragm upward; this pain seemed worse in the region of the spleen, whence it extended backward towards the vertebral column; it was alternately worse in different places; this pain disappeared entirely for four hours but returned at 3 P.M., and became quite violent towards evening, when it extended upward into the chest, where it at times became an acute burning, which, however, was worse in the vertebral column in the region of the ganglion cœliacum; during these attacks there were frequent eructations of air, always followed by transient relief of the pain,[16a].—Tormented by flatulence, which even presses upon the bladder (after ninety-six hours),[1].—A kind of colic, a contractive pain from both sides just beneath the ribs (after a quarter of an hour),[1].—*Griping in the abdomen* (after one hour),[1].—Griping colic, in the open air, as if diarrhœa would ensue,[1].—Pinching colic in all the intestines, even sometimes after eating, when walking in the open air,[1].—Pressive pinching in the abdomen, after the least fruit, especially when standing and walking, which disappears while sitting,[1].—[410.] Spasmodic flatulent colic in the upper abdomen, in the evening on falling asleep, and in the morning on waking (after eight hours),[1].—**Drawing and griping in the abdomen; in the rectum it occurred like a pressure, with qualmishness* and weakness in the pit of the stomach, and paleness of the face (after forty-eight hours, two days before menstruation),[1].—Flatulent colic in the evening in bed; a kind of pressure appearing here and there in the abdomen, always returning on waking at night,[1].—Painful sensation in the upper abdomen, as if something pressed upward toward the chest, at 6 P.M.,[16a].—Oppression in the abdomen and cutting pain,[1].—Coliclike pain, as if the intestines would burst, in the upper abdomen, like a cardialgia, which extends up into the throat, in the morning in bed, when lying upon the side; it disappears when lying upon the back (after forty hours),[1].§—Pain in the upper abdomen as from a strain,[1].—Cutting pain in the abdo-

† The reverse is usually the secondary action.—HAHNEMANN.

‡ Compare 411, 721; this sensation of weakness in the region of the pit of the stomach is a characteristic symptom of Ignatia.—HAHNEMANN.

§ See note to S. 608.—HAHNEMANN.

men (after two hours),[1].—Cutting pains extending over the whole abdomen, followed by diarrhœa-like stool, in the evening (twelfth day),[10].—Cutting, sticking colic, immediately after eating, which changed to meteorismus (after four hours),[1].—[420.] (Tearing pain in the abdomen),[1].—Flatulent colic, with stitches extending to the chest,[1].—Nightly flatulent colic,[1].—Colic; constant bruised pain in the intestines, in the morning in bed,[1].—**Throbbing in the abdomen*,[1].—Slow successive sticking jerking pains in the region of the upper abdomen and pit of the stomach (after half an hour),[1].—***Hypogastrium and Iliac Regions.*** Constant pinching in a small spot in the right side of the lower abdomen, in the region of the cœcum, especially when walking (in the open air), (after four hours),[1].—Pressure in the lower abdomen (after a quarter of an hour),[3].—Painful pressure in the left side of the lower abdomen,[3].—Cutting and contracting pains in the lower abdomen,[16a].—[430.] Sticking in the left side of the lower abdomen,[3].—Flatulent colic in the lower abdomen, in the morning, which causes stitches extending to the chest and into the sides,[1].—A sensation in the left groin as though a hernia would protrude,[1].—Sticking jerking pain in the left groin, in the evening while lying in bed,[1].

Rectum and Anus.—Objective. **Blind piles, with pain composed of pressure and soreness (in the anus and rectum); painful while sitting and standing,* **less while walking,** *though renewed and worse after taking the fresh air*,[1].†—Itching pimple in the anus, which is not painful during stool, but causes a pressure while sitting,[1].—Swelling of the margin of the anus all about, as from a distended vein,[1].—***Prolapsus of the rectum, from moderate exertion at stool,**[1].—(Discharge of blood from the anus, with itching of the perineum and anus),[1].—Threadworms crawl out of the anus (after sixteen hours),[1].—***Subjective.*** [440.] **Spasmodic tension in the rectum the whole day*,[1].—Pain as from blind piles, a pressive and sore sensation, after exerting the mind in thought, soon after a stool (after thirty-six hours),[1].—*Pain in the rectum, as from hæmorrhoids, *constrictive and smarting, as from touching a sore spot* (after three hours),[1].—***Pain in the rectum as from blind piles, consisting of contraction and soreness** (*lasting from one to two hours after a stool*), (after two and thirty-six hours),[1].—**Pain in the anus, as from blind piles,* **with a feeling of sore pain,** soon or immediately after a soft stool,[1].—Contraction of the anus (in the evening); it returns the next day at the same hour, is painful when walking, but especially when standing, is not painful while sitting, with accumulation of stringy saliva in the mouth (after four, twelve, and thirty-six hours),[1].—*Painless contraction of the anus*, a kind of stricture, for several days (after twelve hours),[1].—Drawing downward toward the anus,[16a].—***Sharp, pressive pain in the rectum** (proctalgia), lasting two hours, in the evening after lying down, without relief in any position, which disappears of itself without emission of flatus (after thirty-six hours),[1].—**Sharp pressive pain deep in the rectum*, after the stool, as from incarcerated flatus (such as follows a hurried evacuation, a kind of proctalgia), (after two hours),[1].‡—[450.] **Frequent cutting somewhat deep in the rectum* (after twenty hours),[1].—***A coarse stitch extending from the anus deep into the rectum,**[1].—* *Coarse stitches in the anus* (after two hours),[1].—Hæmorrhoidal symptoms, with soft stool (after five hours),[1].—***Sore pain in the anus, without reference to the stool** (after one hour),[1].—* *Crawling in the rectum as from threadworms*,[1].—

† Alternation with 445.—HAHNEMANN.
‡ Compare note to 366.—HAHNEMANN.

Crawling and burning in the anus,[15].—**An unpleasant crawling low down in the rectum, near the anus, as from threadworms* (after twenty-four hours),[1]. —Itching in the anus,[1].—**Violent itching in the rectum, in the evening, in bed*,[1].—[460.] Itching in the perineum, especially when walking,[1].—*Anxious desire for stool, with inactivity of the rectum; *he is unable to evacuate the fæces without danger of eversion and prolapsus of the rectum*,[1].—Ineffectual desire for stool in the rectum, not in the anus (after one hour and a half),[1]. —**Excessive desire for stool, more in the upper intestines and upper abdomen; it causes great urging, nevertheless the stool is insufficient, though soft;* the urging continues long after the stool (after twenty hours),[1].—Frequent, almost ineffectual desire for stool, with colic, tenesmus, and tendency to prolapsus of the rectum (after forty-eight hours),[1].—Urging to stool, with a feeling in the abdomen generally as though he had taken a purgative; this sensation was followed by several natural evacuations during the day (sixth day),[17].—Urging to stool, with evacuation of soft, thin fæces, preceded by cutting in the abdomen,[16a].—Ineffectual urging and desire for stool,[1].—Ineffectual urging and desire for stool, and *desire in the intestines of the upper abdomen*, mostly soon after eating,[1].—***Great urgency and desire for stool, in the evening, felt mostly in the middle of the abdomen, but no stool follows, only the rectum protrudes*,[1].—***Stool.—Diarrhœa.*** [470.] Diarrhœa-like stool at 6 P.M. (second day); four times repeated (third day); the same symptom appeared in a subsequent proving,[9].—Diarrhœa-like stool at 9 P.M. (after 4 drops).[9].—Frequent evacuations from the bowels, small and rather thin,[16a].—Three evacuations from the bowels, during the afternoon and evening, with scanty discharge at times of rather soft fæces,[16a].—Three pasty evacuations (repeated in a subsequent proving), (fourth day),[13].—Two evacuations from the bowels, in the evening (third day),[17].—Two copious evacuations of the bowels, in the evening, quite unusual (fourth day),[10a]. —Stool twice during the day, preceded by cutting pains in the abdomen; stool like diarrhœa (tenth day),[10].—Thin fæces pass involuntarily with the flatus (after fifty hours),[1].—Stool at first hard, and then afterwards thin,[1].†—[480.] Soft stool, immediately after eating,[1].—Fæces soft and pasty (fifth day),[9a].—Slimy stool,[1].—Acrid stool,[1].—Yellowish-white stools (after three hours),[1].—***Constipation.*** Stool whitish-yellow, very large, and difficult to pass through the rectum and anus,[1].—Stool very large and difficult to pass (after twelve hours),[1].—After sudden and great desire there is a difficult evacuation, not accomplished without great exertion of the abdominal muscles (almost as though the peristaltic motion of the intestines was wanting), of an insufficient quantity of tenacious, clay-colored, not hard fæces (after three days),[1].

Urinary Organs.—Bladder. Sharp pressure upon the bladder, as from incarcerated flatus, after supper,[1].—Scraping, pressing pain in the region of the neck of the bladder, especially when walking and after eating, when not urinating, which latter is without pain,[1].—[490.] Burning itching in the neck of the bladder, with flatulent distension of the abdomen, which causes sexual desire,[1].—***Urethra.*** While urging at stool much mucus (prostatic fluid) from the urethra (after five days),[1].—Biting burning in the forepart of the urethra, while urinating,[1].—A stitch in the forepart of the urethra, which ends in a tearing, soon after dinner,[1].—Coarse stitches in the urethra, while walking (after five hours),[1].—Scraping-tear-

† The easy and satisfactory evacuation of the fæces is for the most part only primary, occurring after half an hour or an hour.—HAHNEMANN.

ing pain in the middle of the urethra, in the evening, while sitting (after one hour),[1].—Scraping, scratching, and scratching-tearing pain in the middle of the urethra, in the evening while lying in bed (after five hours),[1].—Crawling and burning in the urethra, especially on urinating,[15].—Itching in the forepart of the urethra (after two hours),[1].—***Micturition.*** **Urine passes more frequently than usual,*[15].—[500.] ***Frequent discharge of much watery urine** (after two, six, and twenty hours),[1].—Burning micturition, in the morning (after twelve hours),[1].—***Urine.*** Lemon-yellow urine with white sediment (after sixteen hours),[1].—Turbid urine,[1].—(Dark urine is passed with a burning sensation),[1].

Sexual Organs.—Male. The penis retracts, so that it becomes very small, after urinating,[1].—The prepuce is retracted, and the glans remains uncovered as in impotency (after twenty-four hours),[1].—Erection for several minutes (after a quarter of an hour),[1].—*Erections always on going to stool,*[1].—Male impotency, with feeling of weakness of the hips,[1].—[510.] (Cramplike pains in the glans penis),[1].—Painful urging and pressure over a large surface about the penis (mons veneris), with violent erection, ending with an emission,[20].—Violent, pulling, tearing, pressive pain in successive paroxysms in the root of the penis, especially while walking, disappearing while leaning against the small of the back, when standing,[1].—(Every shock of the cough shoots with a painful sensation into the penis, like a sudden forcing of blood),[1].—*Soreness and ulcerative pain, combined with itching on the margin of the prepuce* (after three and twenty-seven hours), (after twenty-four hours),[1].—Sore pain, as if excoriated, on the frænum of the prepuce (after one hour),[1].—Biting and itching on the glans penis (after four and twenty hours),[1].—Biting-itching pain on the inner surface of the prepuce (after twelve hours),[1].—Swelling of the scrotum, in the evening (after five hours),[1].—Itching sticking in the scrotum, as from numberless fleas, especially when at rest,[1].—[520.] Violent, strangulated sensation in the testicles, in the evening after lying down in bed,[1].—Pressure in the testicles,[1].—Irresistible desire for an emission, with relaxed penis (after twenty-four hours),[1].—Lasciviousness, with impotency (after ten and twenty hours),[1].—Lascivious, amorous fancies and sudden sexual excitement, with weakness of the genitals and impotency, with external unpleasant warmth of the body,[1].—*Complete loss of sexual desire,*[1].†—Profuse emission, during the first night (in a young man in whom this had almost never occurred),[1].—***Female.*** Violent constrictive pressure in the uterus, like labor pains, followed by purulent, corrosive leucorrhœa,[1]‡.—Chronic leucorrhœa,[1].—Lasciviousness, with unusual prominence of the clitoris, weakness and relaxation of the rest of the genitals, and cool temperature of the body (after forty hours),[1].—[530.] **It promotes menstruation,*[4].§—Menstruation delayed for some days,[1].‖—Menses discharged in clots,[1].—Menstruation is scanty, though the discharge is black and offensive,[1].

Respiratory Organs.—Larynx. Scratching in the upper part

† I have seen this condition, an alternation of the lascivious symptoms, 522, 523, 524, 529 last a long time as a secondary effect; Cocculus removed it.—HAHNEMANN.

‡ See note to S. 130.—HAHNEMANN.

§ Omit Hahnemann's note. Bergius simply says that Ignatia is "emmenagogea." No mention of dose.—HUGHES.

‖ This seems to be an infrequent alternate action, not a real secondary effect; at least, with me, Ignatia seems to have caused the opposite in very many cases, viz., very early menstruation is its primary effect, and therefore it relieves too early (and too profuse) menstruation in cases where the other symptoms correspond.—HAHNEMANN.

of the larynx, as from heartburn (in the evening, after eight hours),[1].—**Uninterrupted provocation to a hacking cough in the larynx (not tickling), in the evening after lying down;* **it does not disappear on coughing, but only on suppressing the cough** (after five hours),[1].—***Voice.*** *Subdued, low voice; is unable to talk loud,*[1].—***Cough and Expectoration.*** Desire to cough, in the evening after lying down, on falling asleep (after six hours),[1].—**Very short, frequently very dry cough, the provocation to which is in the pit of the throat, as from inspired feathery dust,* **not relieved by coughing; but more excited the more he allows himself to cough;** *especially worse towards evening,*[1].—Hollow dry cough, in the morning on waking,[1].—[540.] Difficult expectoration from the chest,[1].—Yellow expectoration from the chest, of the odor and taste of old catarrh (after twelve hours),[1].—***Respiration.*** *Snoring inspiration during sleep,*[1].—Slow inspiration; he is obliged to draw it deeply from the abdomen (after one hour),[1].—Slow inspiration, rapid expiration (after three hours),[1].—*(Is frequently obliged to take a deep breath, which momentarily relieves the pressure upon the chest),[1].—Short breath, during sleep, with slow expiration,[1].†—Short respiration alternates with long, light with violent (after two hours),[1].—All kinds of respiration alternate during sleep, short and slow, deep and light, intermitting and snoring,[1].—*Inspiration is impeded, as from a load lying upon the chest; expiration is just so much easier,*[1].—[550.] Breath fails him while walking, and if he stands still he is attacked by cough,[1].—A sudden (not tickling) interruption of breathing in the upper part of the trachea, above the pit of the throat, which irresistibly provokes a short forcible cough, in the evening (after one hour),[1].—(Sudden dyspnœa, at 5 P.M.),[17].‡

Chest.—Catarrhal symptoms in the chest; the air-passages seem to be covered with mucus (after a quarter of an hour),[1].—A sensation of anxiety and pressure in the chest awoke him at night; he was frequently obliged to take a deep breath, and was only able to sleep after an hour (sixth day),[9a].—Fulness in the chest,[1].—Tensive pain across the chest, on standing upright (after twenty-four hours),[1].—Pressure and pressing upon the chest (after seven and nine days),[1].—Pressure first in the left then in the right chest, then in the ankle (after one hour),[1].—Pressure first in the left chest and afterwards fine stitching in the right chest (after one hour),[1].—[560.] Oppression of the chest and of respiration (after five hours),[1].§—Oppression of the chest, after midnight, as if the chest were too tight, whereby respiration is impeded (after twelve hours),[1].—Very great oppression in the breast,[27].—***Front.*** Pain in the forepart of the chest, on stooping, at both sides of the sternum, as if the approximated ribs rubbed against each other painfully (after fifteen hours),[1].—Pain upon the sternum as if beaten, even caused by touch (after fourteen hours),[1].—Tensive pain in the forepart of the chest, if while sitting he straightens himself up (after sixteen hours),[1].—Pressure in the chest just behind the sternum, in the evening (second day),[17].—Pressure in the region of the middle of the sternum, as with a sharp instrument (after twenty hours),[1].‖—Pressure in the middle of the sternum, soon after eating (after twenty-four hours),[1].—Oppression of the chest, with pressure in the pit of the stomach, aggravated by inspiration and suddenly changing to a sticking in the pit of the stomach (after two hours),[1].—***Sides.*** [570.] *Stitches in the left side* (after a quarter and three

† 546 is the alternate action of 543, 545.—HAHNEMANN.
‡ Not an unusual symptom with this prover.
§ See note to S. 130, and compare 560, 561, 557.—HAHNEMANN.
‖ See note to S. 366.—HAHNEMANN.

hours),[1].—Frequent stitches in the side of the chest in the region of the last rib, when not breathing, rhythmical with the pulse,[1].—Single coarse stitches in the right side of the chest, when not breathing, also in the tibia (after one hour),[1].—Throbbing in the right side of the chest (after one hour and a half),[1].—***Mammæ.*** Milk entirely disappears from both breasts for several days (observed in a nursing woman, after taking Ignatia),[22].—Stitches in the nipple on deep inspiration, with flatulent movements in the abdomen (after five hours),[1].

Heart and Pulse.—Præcordium. Sticking in the præcordial region on expiration (after a quarter of an hour),[1].—***Heart's Action.*** **Palpitation*,[1]; (sixth day),[17].—Palpitation during dinner (after forty-eight hours),[1].—Palpitation after the noonday nap (after five hours),[1].—[580.] Palpitation while in deep thought,[1].—***Pulse.*** Moderate acceleration of the pulse (sixth day),[10a].—Pulse accelerated, small,[13].—Pulse slower and smaller than usual, in the afternoon (third day),[10a].

Neck and Back.—Neck. **Stiffness of the nape of the neck*,[1].—Painful pressure upon the neck just above the left shoulder,[3].—Sharp pressive pain in the cervical vertebræ, during rest, in the morning in bed,[1].†—Sticking in the nape of the neck,[1].—Tearing pain in the nape of the neck, on moving the neck, as from a strain of the neck (after twelve hours),[1].—Sticking-tearing pain in the nape of the neck (after two hours and a half),[1].—[590.] Pain as if beaten, at night, when lying upon either side, in the joints of the neck, back, shoulders, only disappearing when lying upon the back (after twelve hours),[1].—***Back.*** Dull sticking near the left side of the spine, at the point where the true ribs are divided from the false,[3].—Pressive sticking pain in the spine, when walking in the open air,[1].—Deep tearing pain in the middle of the spine, somewhat towards the left side,[3].—***Dorsal.*** A simple pain in the scapula, aggravated by moving the arm or by letting it hang down (after twenty hours),[1].—***Lumbar.*** (Tensive pain in the small of the back (and in the chest), on standing erect), (after twenty-four hours),[1].—Drawing pains in the left lumbar region (first day),[11].—Peculiar, violent pain in the small of the back, like a clawing, sticking, drawing, and working altogether,[18].—Stitches in the small of the back (after forty-eight hours),[1].—Pressive, bruised pain in the small of the back, while lying upon the back, in the morning in bed,[1].—***Sacral.*** [600.] *Pain in the sacrum, even while lying upon the back, in the morning in bed*,[1].‡—Throbbing in the sacrum (after seven hours),[1].

Extremities in General.—Objective. Jerkings and isolated twitchings in the limbs (after ten and twelve hours),[1].—***Single jerkings of the limbs, on falling asleep** (after three hours),[1].—Weakness of the limbs, (soon),[13].—***Subjective.*** Feeling of weakness and exhaustion in the arms and feet,[1].—Weariness in the arms and feet,[1].—Clonic cramp of all the limbs, like a stiffness,[1].—A transient pressure as with a hard substance, painful as a bruise, here and there in the periosteum of the middle of the long bones (not in the joints), during the day, but especially while lying upon either side, in the evening in bed, disappearing on lying upon the back (after twenty and thirty-six hours),[1].§—*Pain as from a sprain or dis-*

† See note to 366.—HAHNEMANN.

‡ 599, 600 are alternate effects of the symptoms relieved by lying upon the back, viz., 73, 91, 124, 131, 590, 608.—HAHNEMANN.

§ Compare 590, 608 with 73, 91, 124, 131, in which the pain only disappears when lying upon the back; they form a third alternation with 614, 615, 628, 629.—HAHNEMANN.

location of the shoulder, hip, and knee-joints (after eight hours),[1].—[610.] *Crawling, asleep sensation in the limbs,* several times (after four hours),[1].—Constant sticking pain about the joints or somewhat above them,[1].—Burning sticking pain, together with itching, in the external prominent portions of the joints (after one hour),[1].

Superior Extremities.—The arm of the side upon which he lies falls asleep (after eight hours),[1].—Intolerable (indescribable) pain in the bones and joints of the arm upon which he lies, in the morning in bed; it only disappears on lying on the other painless side (after twenty hours),[1].†—Intolerable (indescribable) pain in the bones and joints of the arm upon which he is not lying, in the evening in bed; it only disappears on lying upon the painful arm (after twelve hours),[1].—Pulsating drawing, extending from the upper arm to the wrist and fingers,[1].—***Shoulder.*** *Twitching jerking in the deltoid muscle* (after twenty-four hours),[1].—Rheumatic pain in the shoulder-joint, or a feeling as if bruised, while walking in the open air (after ten hours),[1].—Griping, pulling, kneading, in part drawing pain in the shoulder-joint, during rest (on motion it becomes a sticking),[1].—[620.] (Some stitches in the tip of the shoulder-blade, in the morning),[1].—Pain in the shoulder, as if dislocated (after ten hours),[1].—Pain in the shoulder-joint, as if dislocated, on moving the arm,[1].—*Pain in the shoulder-joint on bending the arm back, as after violent exertion, or as if bruised,*[1].—***Arm.*** Simple pain in the biceps, on turning the arm inwards (after two hours),[1].—Drawing pain in the arms,[1].—Tearing in the right arm and right side of the head, from the cold air (taking cold?), (after twelve hours),[1].—Pain, as if bruised, in the muscles of the humerus, if the arm hangs down or if it is raised,[1].—Pain, as if bruised, in the head of the humerus of the side upon which he lies, in the morning in bed; it disappears on lying upon the other side or upon the back (after twenty-four hours),[1].—Pain, as if bruised, in the head of the left humerus, when lying upon the right side in the evening in bed; the pain disappears if he lies upon the painful arm (after twelve hours),[1].—***Elbow.*** [630.] Painful drawing just above the right elbow (after thirty-six hours),[3].—***Forearm.*** **Jerking, as if a mouse were crawling under the skin, in one part of the muscles of the forearm, in the evening after lying down* (after thirty-six hours),[1].—***Wrist.*** Stiffness of the right wrist and a feeling as if asleep,[1].—Paralytic pain in the styloid process of the left wrist, as if the hand had been injured or sprained,[1].—Tearing pain in the styloid process of the wrist, in the morning after waking,[1].—***Hand.*** Transient yellowness of the hands, as in jaundice,[1].—Drawing in the carpal bones of the right hand (after thirty-six hours),[3].—Piercing fine stitch, as from a splinter, on touching a hair on the hand,[1].‡—Tearing pain in the styloid process of the hands and in the fingers,[1].—***Fingers.*** Spasmodic motion of the index finger back and forth, in the evening after lying down,[1].—[640.] Cramp, extending to the middle finger, while exerting the fingers (it can be relieved by soothing it),[1].—Pain in the metacarpal phalanx of the index finger, as if it had been sprained, on motion,[1].—Some stitches in the last joint of the thumb (after ten hours),[1].—Tearing pain

† 614, 628 (and apparently also 631), are the alternate action of 615, 629; both are primary effects; their variety seems to depend upon the different times of day at which they occur, evening and morning; even the character of the pain seems to vary in each of these two alternating conditions. Compare also 608, 590.—HAHNEMANN.

‡ Compare 209.—HAHNEMANN.

in the joint of the thumb, as if it had been sprained, in the morning while slumbering in bed,[1].

Inferior Extremities.—Objective. Totters while walking, falls easily, and stumbles over the slightest objects that are in his way,[1].—Paralytic stiffness of the lower limbs, with involuntary jerking in them,[23].—Almost paralytic immobility of the lower limbs, with some jerkings in them,[1].—***Subjective.*** Painful drawing in the whole left leg, in bed before falling asleep; it disappears after awhile but returns with increased violence,[3].—***Hip.*** Intermitting deep internal pressure above the left hip,[3].—Sticking in the hip-joint (after twenty-four hours),[1].—[650.] Sticking pain in the hip-joint and in the knee, when walking, on moving the foot, from 4 to 8 A.M. (after eight hours),[1].—***Thigh.*** The thigh and leg fall asleep, while sitting after eating (after five hours),[1].—Tension of the lower leg, extending above the knee, with heaviness of the limb,[1].—Deep violent pressure in the middle of the left thigh,[3].—Pain in the posterior muscles of the thigh, as if bruised, while sitting (after five hours),[1].—***Knee.*** Cracking and creaking in the knees (after two hours),[1].—He was unable to walk, but was obliged to remain sitting, because when walking the knee was involuntarily drawn upward (after half an hour),[2].—The knees give way from weakness,[1].—Stiffness of the knee and ankle, of the thigh and small of the back, in the morning on rising from bed (after thirty-eight hours),[1].—Stiffness of the knees and loins, moving causes pain,[1].—[660.] Stiffness of the knee-joint, after ascending steps, it impedes her movements,[1].—Violent sticking on the inner side beneath the left knee,[3].—***Leg.*** The lower leg falls asleep while sitting at the midday meal (after six hours),[1].—The leg falls asleep as far up as above the knee, in the evening while sitting,[1].—Paralytic pain in the whole left leg, caused by walking, and continuing after sitting,[3].—Pressive pain in the tibia, while walking (after two hours),[1].—An undulating, like a grasping and kneading, tearing-pressing pain in the anterior tibial muscles, especially on motion,[1].—Tension in the calves, on stretching out the legs or on walking,[1].†—Cramp in the calves, very early in the morning in bed on bending the leg; it disappears on stretching it out or on pressing against it (after eight hours),[1].—Cramp in the calves, while walking, disappearing while standing and during rest (after four hours),[1].—[670.] Attacks of cramp in the calves, while sitting during dinner,[1].—*Tearing pain in the backs of both legs, especially in the tendo Achillis and calf, as though the parts would be cut off; it becomes especially violent when he remains standing or walking (also when he exerts the muscles)*,[21].—***Ankle.*** Tearing-burning pain in the bones of the heel, in the morning on waking (after eight hours),[1].—Pressure in the left ankle (with an internal tickling), which obliges him to make a tremulous motion of the left foot in order to relieve it,[1].—Intermitting pressure above the external malleolus of the right foot,[3].—Sticking pain beneath the malleoli, on motion,[1].—Pain, as from a sprain, in the ankle, while walking in the morning (not a sticking pain),[3].—***Foot.*** Weariness of the feet at twilight, as after a long walk; with quiet mood,[1].—Weakness of the feet,[1].—He is unable to carry the feet forward, as if he had walked a very long distance,[1].—[680.] (Stiffness of the metatarsal joints),[1].—Feeling of stiffness in the feet, in the morning (after twenty-four and ninety-six hours),[1].—Heaviness of the feet,[1].—Heaviness of the feet, with anxiety, on walking in the open air, which disappears in the room, but gives place to ill-humor,[1].—Heaviness of

† A kind of cramp, or at least the commencement of it.—HAHNEMANN.

one foot,[1].—Intermitting sticking on the inner margin of the foot (after five hours),[3].—Burning-sticking or a burning-cutting pain on the side of the foot,[1].—Crawling, as if in the bones of the feet, not like a going to sleep (after ten hours),[1].—Tearing pain on the back of the foot (after twenty hours),[1].—Painful stiffness of the soles of the feet, when walking (after four hours),[1].—[**690.**] Attacks of cramps in the muscles of the soles and under the toes, while sitting,[1].—Several stitches in the heel, very early in the morning (after twenty hours),[1].—Numb deadness (as if asleep) of the ball of the heel, while walking,[1].—An itching burning (as from chilblains) in the heel and other parts of the foot (after eight hours),[1].—Violent drawing in the sole of the right foot,[3].—Pain while walking, as from internal soreness of the ball of the heel, or rather in the periosteum of the os calcis (after four hours),[1].—In the ball of the heel, or rather in the periosteum of the astragalus, a pain as if bruised, or as after jumping from a great height (after three hours),[1].—Itching-jerking pain internally in the ball of the heel, especially in the morning in bed,[1].—***Toes.*** Burning pain in a corn, while sitting,[1].—Burning pain on pressure upon a corn hitherto painless,[1].—[**700.**] The pressure of the shoe upon the upper part of the toes is painful; the corns begin to burn and pain,[1].

General Symptoms.—Objective. He seemed as if in a doze; it is irksome to look with the eyes and to open the mouth for talking; with light slow respiration,[1].—*Trembling*,[27].—Trembling for several hours,[1].—Trembling of the whole body,[4].—Trembling of the whole body, for three hours, with itching and frightful convulsive jerkings, so that he was scarcely able to remain upon his legs; these were most violent in the jaws, so that the mouth was distorted as in laughing, immediately,[5].†—Seized with a trembling all over his body that continued three hours (immediately); together with twitching and spasms,[26].—Constant motion (agitation) of the body,[6].‡—Convulsive motions,[4].—Spasmodic motions in the Spaniards, though it never has this effect with the Indians,[25].—[**710.**] * *Convulsions*,[27].—Convulsions,[5a].§—Terrible spasms, so violent that he was not able to stand upon his feet; they were most violent and troublesome in his jaws, so as to cause risus sardonicus; yet there was no alteration in his pulse, no vomiting, or any other symptoms attending them,[26].—*Jerkings and twitchings through the whole body, in the evening on falling asleep (after ninety-six hours),[1].—**Jerkings and twitchings in various parts of the muscles*, here and there over the whole body (after lying down), (after two hours),[1].—Unwillingness to move, dread of work,[1].—So relaxed that he has no desire to make any exertion or to go out; he has no desire for anything, but prefers to lie down (after four hours),[1].—Lassitude and weariness after dinner; he felt unable to perform his usual work, and very sleepy over it, contrary to his habit; this exhaustion and sleepiness were most marked from 2 to 4 P.M., though they continued later, and even on the next day he had not regained his usual activity (third day),[10a].—Great general weariness, from slight exertion,[1].—Weakness on waking in the morning (second day),[13].—[**720.**] (Weakness after the stool),[1].—Debility, as from weakness about the pit of the stomach; he feels qualmish and is obliged to lie down,[1].—Great weakness and weariness, it seemed as though he had walked a long distance, he was frequently obliged to yawn, though he did not sleep (seventh day),[17].—* *Great weakness of the whole body; on walking it seems as though*

† From a scruple.—HAHNEMANN.
‡ From a drachm.—HAHNEMANN.
§ Not found.—HUGHES.

his breath would fail, he becomes qualmish in the pit of the stomach, and then coughs,[1].—**Exhaustion, lassitude, in the evening*,[1].—Peculiar exhaustion and lassitude during the afternoon, he was unable to perform his work, and about 2 P.M. was overpowered by sleepiness, and slept soundly for two hours, but was not refreshed thereby, on the contrary he felt much exhausted all the rest of the day (fourth day),[10a].—Faintness,[4].†—Fainting,[27].—**Frequently changes his position at night in bed, lies now here, now there*,[1].—***Subjective.*** Sensitiveness of the skin to drafts of air; there is a feeling in the abdomen as though he would take cold (after four hours),[1].—[**730.**] Insensibility of the whole body,[6].—In the morning at the moment of waking he feels a weight, accumulation, congestion, and orgasm of blood in the whole body, with melancholy,[1].—*A simple violent pain here and there in a small spot, as for example, on the ribs, only noticed on touch*,[1].—A deeply sticking, burning pain in various parts of the body (as for example, in the corner of the mouth, under the first joint of the thumb, etc.), without itching,[1].—Tingling pain, and the like, especially in the head,[28].—Crawling as if internally in the bones of the whole body,[1].

Skin.—Objective. Pimples about the sore eye (after two hours),[1].—Papulous pimples painful only when touched, just beneath the lower lip (after thirty-six hours),[1].—Boils on the inner portion of the thigh (after twelve hours),[1].—***Subjective.*** Numberless fine stitches, like fleabites, here and there (especially in bed),[1].—[**740.**] The outer skin and the periosteum are painful (after eight hours),[1].—**Itching*,[26].—Itching here and there over the body, if he became somewhat heated on walking in the open air,[1].—Itching, here and there, easily relieved by scratching, in the evening after lying down in bed,[1].‡—Burning in an ulcer,[1].—Crawling in the feet,[1].—Fine sticking crawling in the feet (in the skin of the calves), after midnight, which does not allow him to rest or remain in bed,[1].—Itching stitches in the thumb-joint, which oblige him to scratch,[1].—*Itching about the genitals and on the penis, in the evening after lying down, it disappears on scratching* (after three hours),[1].—Itching here and there, beneath the shoulder, etc., at night, disappearing on scratching,[1].—[**750.**] Itching on the wrist, elbow, and neck,[1].—Itching exactly in the umbilicus (after two hours and a half),[1].—Burning itching pain in a spot on the back of the foot, during rest,[1].

Sleep and Dreams.—Sleepiness. Frequent yawning, after sleeping,[1].—Frequent yawning interrupted by a kind of immobility and rigidity of the chest (between 8 and 10 o'clock),[1].—Great yawning, even while eating,[1].—*Excessive yawning in the morning (and especially after the midday nap), as if the lower jaw would be dislocated,[1].—**Excessively frequent yawning* (after a quarter of an hour),[1].—Excessive, convulsive yawning, so that the eyes overflow with water, in the evening before going to sleep, and in the morning after rising from bed (after twenty-eight and thirty-eight hours),[1].—Inclination to sleep,[13].—[**760.**] Sleepiness,[13].—Sleepiness, so that he falls asleep while sitting, but if he lies down he remains half awake, in a dreamy doze (after a quarter of an hour),[1].—So great sleepiness that he was obliged to go to bed by 9 o'clock and slept soundly the whole night, yet in the morning he was very tired and apathetic, which condition continued the whole day (seventh day),[10a].—Became very sleepy

† For Grimm read Bergius.—HUGHES.

‡ *It is characteristic of Ignatia that the itching is easily relieved by slight scratching, and disappears from that spot.*—HAHNEMANN.

after sad news,[1].—Falls asleep while sitting over his reading (after four hours),[1].—The midday nap was unusually sound but not refreshing (third day),[10a].—Very sound though not refreshing sleep,[1].†—Deep sleep (after three hours),[1].‡—In sleep he lies upon the back with the palm of the hand under the occiput,[1].—***Sleeplessness.*** Sleeplessness,[1].—[**770.**] Sleepless, is unable to fall asleep, and wakes at night without cause (after fourteen hours),[1].—Sleep restless, with internal uneasiness and increased warmth in the temples,[16a].—Sleep restless, interrupted by dreams,[12].—*He sleeps so lightly that he hears everything*, as for example, the striking of a very distant clock,[1].—***Dreams.*** Dreams while slumbering before midnight, with general heat, without sweat,[1].—Dreams about the same subject for several hours,[1].—**Fixed ideas in a dream, dreams the whole night of one and the same thing*,[1].—**In his dream he is occupied with thinking of the same object throughout the whole night; a fixed idea, which does not leave him on waking*,[1]. —Dreams in which thought is exerted, towards morning (after ten hours),[1]. —Dreams at night full of mental exertion and scientific investigations,[1].— [**780.**] *Dreams with reflections and deliberations* (after four hours),[1].—Dreams full of sadness; he awakes weeping,[1].—Dreams at night full of disappointments, miscarrying plans and efforts,[1].—Dreams of frightful things,[1].— Dreamed at night that he had fallen into the water and cried,[1].—Dreamed of being buried alive, for a month or more,[24].—Wakes in the morning from frightful dreams (after eighteen hours),[1].—Wakes from the afternoon nap from frightful dreams (for example, of drowning), (after twenty-four hours),[1].—(She dreams that she was standing, but not firmly; awoke and examined her bed to see if she was lying safely; also that she had bent herself quite double in order to be sure not to fall, therewith she was always in a perspiration all over),[1].—Talks as if weeping and complaining in sleep; inspiration is snoring, with widely opened mouth, sometimes one eye and sometimes the other is partly open (after ten hours),[1].—[**790.**] Whimpering prattling in sleep; he tosses about the bed (after two and five hours),[1].—Groaning, grunting, and sighing in sleep (after four hours),[1].— He is suddenly frightened in sleep, cries with an expression of complaining, steps and stamps with the feet, wherewith the face and hands are pale and cold,[1].—Frightful shuddering on falling asleep, on account of monstrous fantasies, which appear to him and are still present after waking,[1].—She moves the muscles of her open mouth in all directions, almost convulsively, during sleep, wherewith the hands jerk inwards (after two hours),[1].—Stamps with the feet in sleep (after four hours),[1].—Wakes with a friendly expression (after twenty hours),[1].—Wakes with a morose look,[1].—On waking she stands up suddenly and talks disconnectedly before she collects herself (after four hours),[1].—In the morning he is lying upon the back with the arm over the head so that the palm of the hand is under the occiput or on the neck,[1].

Fever.—Chilliness. [**800.**] Chilliness, especially of the feet,[1].— (Chilliness and shivering, after eating; anxiety and sweat at night),[1].— He becomes chilly at sunset,[1].—He becomes excessively chilly in moderately cool, though not open air; becomes very cold all over, with one-sided headache (after four hours),[1].—***Shaking chill, with redness of the face,** *in the evening*,[1].—Coldness of the whole body,[23].—**Coldness and chilliness, especially in the posterior portions of the body;* **they are, however, relieved**

† On waking he does not believe that he has slept at all.—HAHNEMANN.
‡ 766, 767 are alternations of 770, 773.—HAHNEMANN.

immediately in a warm room, or by a warm stove (after six hours),[1].†—Coldness and chilliness; the pupils are very little dilated,[1].—Constant shivering during the apyrexia,[1].—Frightful shuddering, in the morning on waking from a sleep, so light that he hears every stroke of the clock,[1].—[**810.**] Dread of open air (after six hours),[1].—Fever; at first chilliness in the arms, especially the upper arms, then heat and redness of the cheeks, and heat of the hands and feet without thirst, while lying upon the back,[1].—Chilliness on the back and over the arms (after a quarter of an hour),[1].—* *Chilliness over the upper arms, with heat of the ears,*[1].—* *Chilliness about the knees, which are not cold externally,*[1].—Shivering chilliness in the face and on the arms, with chattering of the teeth and goose-flesh,[1].—While eating (in the evening) the feet became chilly, the abdomen was distended (and he had become quite hoarse),[1].—Coldness of the feet and legs, as far up as above the knees,[1].—Shivering and goose-flesh on the thigh and forearm; afterwards also on the cheeks, immediately,[1].—***Heat.*** Attacked with heat and palpitation, in the morning in bed,[1].—[**820.**] Sensation of general heat, in the morning in bed, with thirst, *whereby he does not wish to be uncovered,*[1].—Heat from 2 to 5 A.M. (while fully awake) all over, especially on the hands and soles of the feet, without perspiration, thirst, or feeling of dryness,[1].—He woke at 3 A.M. hot all over, and vomited the food that had been eaten in the evening,[1].—***Heat of the whole body, in the afternoon, without thirst,** *with sensation of dryness of the skin, though with some perspiration on the face* (after eight hours),[1].—Nightly heat, wherewith he desires to uncover himself, and remains uncovered,[1].—Heat of the body, especially during sleep,[1].—External warmth is increased,[1].—***External heat and redness, without internal heat,**[1].‡—Sighing on account of external heat, about 2 A.M.; he wishes to be lightly covered (after fifteen hours),[1].—General anxious heat, with slight perspiration about the nose, at night; *there is the most heat in the hands and feet, which, however, he does not uncover, but constantly wishes to keep them covered,* with cold thighs, palpitation, short breath, and lascivious dreams; mostly when lying upon one or the other side, less when lying upon the back,[1].—[**830.**] *Sudden flushes of heat over the whole body,*[1].—*External warmth is intolerable;* followed by rapid respiration,[1].—Feeling of orgasm of blood, in the evening in bed, on which account he is unable to fall asleep,[1].—Afternoon fever; shivering, with colic, followed by weakness and sleep, with burning heat of the body,[1].—Heat mounts to the head, without thirst,[1].—Heat of the face and coldness of the hands and feet,[1].§—Heat and burning externally in the nape or upon one side of the neck,[1].—Heat of the hands, with shivering over the body, and anxiety developing into weeping,[1].—* *Hot knees, with cold nose* (with tickling itching of one knee), (after three hours),[1].—The feet are burning hot,[1].—[**840.**] * *One ear and one cheek are red and burning,*[1].—***Sweat.*** Feeling as if perspiration would break out (an anxious sensation of flushing heat), (after one hour and a half),[1].—Feeling as though perspiration would break out at once over

† The febrile coldness, relieved by external warmth, is characteristic of Ignatia.—HAHNEMANN.

‡ The heat of Ignatia is almost always wholly external; also, there is very seldom thirst with this heat, even when it exhibits the character of intermittent fever; hence Ignatia is able to cure homœopathically and permanently in the smallest dose, *intermittent fever, which presents thirst during chill, but not during heat.*—HAHNEMANN.

§ 803, 813, 835, 837, show the alternations of leading symptoms, viz., heat of certain parts, with coldness, chilliness, or shivering over other parts.—HAHNEMANN.

the whole body, which even in part takes place, in the forenoon,[1].—Sudden sensation as though perspiration would break out over the whole body, which in part was really the case,[16a].—He perspires every morning, if he falls asleep a second time; and if he then rises he is so weary and exhausted that he would rather lie down again,[1].—General perspiration,[1].—[Copious perspiration],[6].†—Cold perspiration,[4].—Cold sweats,[27].—Perspiration on the scrotum,[1].—[**850.**] Warm perspiration on the inner surface of the hands (after thirty-six hours),[1].—Warm perspiration on the inner surface of the hands and fingers (after sixteen hours),[1].—Profuse warm perspiration on the hands, in the evening (after eight hours),[1].

***Conditions.*—Aggravation.**—(*Morning*), Immediately after waking, pains renewed; on waking, confusion, etc., of head; on waking, heaviness of head; in bed, on waking, aggravated after eating, pressive headache; on waking, bruised headache; in bed, while lying upon either side, headache at temples; on waking, pressure in and above eyes; on reading, biting on margins of lids; on waking, mucus in mouth; in bed, when lying upon side, pain in upper abdomen; on waking, hollow cough; while lying on back in bed, pain in small of back; pain in sacrum; pain in wrist; while slumbering in bed, pain in thumb-joint; on rising, stiffness of knee, etc.; very early, in bed, disappearing on stretching the limb out, or pressing against it, cramps in calves; on waking, pain in ankle-bones; while walking, pain in ankle; stiffness of the feet; very early, stitches in heel; in bed, pain in ball of heel; on waking, shuddering; in bed, heat, etc.; from 2 to 5 o'clock, heat; about 2 o'clock, external heat; on falling asleep a second time, perspiration.—(*Forenoon*), Dulness in forehead; bitter eructations; nausea, etc.—(*Afternoon*), Pressure, etc., in head; pain in occiput; towards evening, dry cough; heat of body; **fever.*—(*Evening*), Before and after lying down, fixed ideas; immediately after lying down, pains renewed; pressure in the head; while lying in bed, pain in groin; pressure in chest; in bed, while lying upon either side, pressure in long bones; after lying down, jerking in muscles of forearm; after lying down, motion in finger; after lying down in bed, itching; *itching about the genitals, etc.;* at sunset, chilly; in bed, orgasm of blood; perspiration on the hands.—(*Night*), Itching here and there; anxiety, etc.; heat; anxious heat.—(*Walking in open air*), Submaxillary glands painful; colic in intestines; pinching in lower abdomen; pain in spine; anxiety.—(*Taking fresh air*), Pain in hæmorrhoids.—(*Ascending steps*), Jerking pain in head; pain in forehead; stiffness in knee-joint.—(*In bed*), Stitches here and there.—(*Breathing*), Tearing in larynx.—(*When not breathing*), Stitches in side of chest; coarse stitches in side of chest, etc.—(*Coffee*), **The symptoms.*—(*Coughing*), Tearing in larynx.—(*After dinner*), Immediately, pains renewed; palpitation.—(*After eating*), Immediately, only on standing; aggravated on walking, pinching tympanites in abdomen; fulness in abdomen; chilliness.—(*After eating and drinking*), *Hiccough.*—(*Expiration*), Sticking in præcordial region.—(*Violent exertion*), Pain in forehead.—(*After fruit*), Especially when standing or walking, pinching in abdomen.—(*Inspiration*), Pressure in sternum, etc.; stitches in nipple.—(*Bright sunlight*), Pain in frontal region.—(*Lying on side*), Tearing headache; pain in neck, etc.; general heat, etc.—(*Motion*), Dull headache; pain in tibial muscles.—(*Unpleasant news*), Condition aggravated.—(*Raising eyes*), Jerking headache.—(*Reading*), Pressure in brain; headache; pain in an-

† After bleeding and antidotes.—HUGHES.

terior molars.—(*Rest*), Sticking in scrotum; pain in shoulder-joint; itching pain in back of foot.—(*Sitting*), Pain in hæmorrhoids; cramp in soles, etc. —(*Sitting erect*), Pains in occiput.—(*After midday sleep*), Immediately, headache; palpitation.—(*Speaking*), Confusion of head, etc.; headache.—(*Speaking loud*), Headache.—(*Standing*), Pain in hæmorrhoids.—(*Standing erect*), Pain in small of back.—(*Standing still*), Cough; during a walk, pain in backs of legs.—(*Stooping*), *Headache.*—(*Stooping low down*), Headache above orbit.—(*Swallowing*), Tearing in larynx.—(*When not swallowing*), Constrictive sensation in middle of throat; sticking in throat; sensation of plug in throat; stitches in throat; sticking in parotid gland.—(*Talking*), While walking in open air, headache in half the brain.—(*Thinking*), Confusion of head, etc.; while walking in open air, headache in half the brain; deeply, palpitation.—(*Thinking of it*), Bruised headache. —(*Tobacco*), ***The symptoms.**—(*Walking*), Pain in root of penis; knee drawn upward; pain in left leg; pain in tibia; cramp in calves; stiffness of soles of feet.—(*Writing*), Pressure in brain.

Amelioration. —(*Morning*), On rising, headache disappears. —(*Bending head forward while sitting*), **Pains in occiput.*—(*Eating*), Efforts to vomit.—(*Lying on back*), **Tearing headache;* tearing headache in forehead; headache at temples; pains in occiput.—(*Scratching*), *Itching.*—(*Sitting still*), Reading or writing, headache; pinching tympanites in abdomen.—(*Stooping*), Headache in *forehead.*—(*Swallowing*), ***Stitches in throat; sticking in throat.**—(*Walking*), Pain in hæmorrhoids.—(*External warmth*), ***Febrile coldness.**

ILLICIUM.

Illicium anisatum, Linn.

Natural order, Magnoliaceæ. *Common names,* Anise, Star Anise (seeds).

Preparation, Tincture of the seeds.

Authorities. **1,** Dr. Franz, Archiv f. Hom., 17, part 3, page 175, effects of 100 drops of tincture; **2,** Mure, "selected symptoms," Pathogén. Brésil.

Head.—Dizziness,[2].—Indefinite pains in the head,[2].

Ears.—Ringing (in the ears) as of great bells, followed by sleep,[2].—Roaring in the ears,[2].—Loud roaring in the ears, with hissing sensation,[2].

Nose.—Acute catarrh,[2].—Watery discharge from the nose,[2].—Sharp stitches beneath the tip of the nose,[1].—Sensation of warm biting in the nose, like that felt when looking at the sun, immediately followed by sneezing (after a quarter of an hour),[1].—[**10.**] He constantly notices the sharp biting odor of the drug on expiring the breath through the nose; this disappears after he has eaten something,[1].

Face.—Dryness in the upper lip, and a feeling as if drawn towards the teeth, so that it lies hard against them,[1].—Burning on the inner side of the lower lip, and a feeling as if it were asleep,[1].—Sensation in the upper lip as if blood were forcing out, a sticking; it disappears as soon as he touches it in order to wipe away the fancied blood,[1].

Mouth.—Flow of saliva,[2].—Food, excepting bread, tastes too salt and bitter, though he has a good appetite; bread has a good taste and a strong smell,[1].

Stomach.—When eating, soon satisfied,[2].—Acidity in the stomach,[2].—Nausea,[2].—Nausea in the stomach, which, however, only extends to the chest, and then again disappears,[1].—[**20.**] Qualmishness in the stomach and chest,[1].—Swelling of the stomach,[2].—Sensation as of an ulcer in the stomach,[1].

Abdomen.—Pain in the spleen,[2].—Pain at the navel and in the œsophagus,[2].—Borborygmi in the abdomen,[2].—Pain in the loins,[2].

Stool.—Bilious evacuations,[2].—Solid stools, of a deep yellow color,[2].—Constipation,[2].

Urinary Organs.—[30.] Retention of urine,[2].

Sexual Organs.—Violent erections,[2].—Nocturnal pollutions,[2].

Respiratory Organs.—White expectoration,[2].

Chest.—Pains in the chest, with sensation of emptiness after coughing,[2].—Transient pains on the left side of the chest,[2].

Back.—Pain in the back and chest,[2].—A cramplike drawing on the left side of the dorsal vertebræ, as after taking cold (after three hours),[1].

Superior Extremities.—Jerking and tearing in the bend of the left elbow, and at the same time in the palm of the hand; a feeling as if an artery had been injured by a blow,[1].—A pressure on the back of the right hand, between the two middle metacarpal bones, as though something hard were lying between them, very perceptible if the hands were pressed against anything hard, not when touched,[1].

Inferior Extremities.—[40.] The left thigh feels as if broken in the middle while sitting; it disappears on standing,[1].

Skin.—Stitches as with pins in the palm of the left hand, between the first and second fingers; these disappear after scratching, but afterwards return with burning,[1].—Dull painful stitches in the skin of the lower portion of the forearm,[1].—Crawling itching-like stitches in the palm of the right hand,[1].—Itching of the skin in front of and above the left ear, disappearing as soon as he touches it,[1].

Sleep.—Sleepiness at nightfall,[2].—Sleep disturbed,[2].

Fever.—Heat from the abdomen to the stomach and chest, running over different places, and abating in the course of the day,[2].

Conditions.—**Aggravation.**—(*Forenoon*), The pains.—(*When sitting*), Feeling in thigh.

Amelioration.—(*Evening*), The pains.

IMPERATORIA.

Peucedanum ostruthium, Koch. (Imperatoria ostruthium, Linn.)

Natural order, Umbelliferæ.

Common name (G.) Meister-wurz.

Preparation, Tincture of root.

Authority. Kleemann, Kaspar's Med. Woch., 1836 (Frank's Mag., 1, 232), effects of an infusion of the root, a spoonful every two hours.

Feeling of warmth, starting in the stomach, and extending over the whole body.—General excitement.—Active orgasm and confusion of the head.—Itching and burning in the skin.—General perspiration—Diminished secretion of mucus in the intestines and air-passages.

INDIGO.

An oxidation product, from the juices of several plants, chiefly Indigofera tinctoria, Linn.

Natural order, Leguminosæ.

Preparation, Triturations.

Authorities. 1, Hartlaub and Trinks, Annales, 3, 329; 2, Blaufuss took

repeated doses of 1 to 3 grains, Martin's provings, Hom. Vierteljahrsschrift, 10, p. 81; **3**, Fries took 1 grain daily for three days, ibid.; **4**, Græfe took 1 grain first day, 2 grains second day, ibid.; **5**, Gunther took 1 grain daily for three days, afterward a dose of $\frac{1}{10}$th grain, ibid.; **6**, Hilpert took 1 grain, first, second, and fourth days, proving subsequently repeated, ibid.; **7**, Horn took 1 grain, first and second days, ibid.; **8**, Kuntzmann, proving with 1 grain doses, ibid.; **9**, Martin, provings, 1 grain doses, ibid.; **9** *a*, same, $\frac{1}{10}$th grain doses; **9** *b*, same, 5 grains of 1st trit.; **10**, Oehler took $\frac{1}{10}$th grain in the morning and afternoon, ibid.; **11**, Reichmann, effects of $\frac{1}{10}$th grain in the morning and afternoon, ibid.; **12**, Vulpius took 1 grain, first, second, and third days, ibid.; **13**, Werther took 1 grain daily for three days, ibid.; **14**, Wilcher took 1 grain first and second days, ibid.; **15**, Dr. Lembke's provings, A. H. Z., 45, 338, repeated doses of 2d trit., 2 to 12 grains, afterward of 1st trit., 2 to 10 grains, and after a week 26 grains; **16**, Roth, Diss., Berlin, 1834, and Br. and For. Med. Rev., 1836, effects of Indigo in epilepties; **17**, Dr. G. von Stahly, Jr. (reference as last), effects in epileptics; **18**, Nankievitz, Preuss. Ver., 1837 (from Roth, Mat. Med., I); **19**, Hilsenberg, ibid.; **20**, Groszheim, ibid., 1833; **21**, Doepp, Hufel. Journ., vol. 80 (from ibid.); **22**, Ideler, effects of doses of from 1 scruple to 1 ounce in epileptic patients, Lancet, June, 1835, from Berl. Med. Zeit.; **23**, same as 17; **24**, same as 16.

Mind.—Illusions of sensation; it constantly seems to her as though she had a large goitre, which was very prominent; she was constantly obliged to look down and feel whether it was so,[1].—Very lively mood (third day),[6].—**Sad, discontented, ill-humored, retired in himself*,[1].—Great irritability (second day),[9b].—Ill-humor, in the evening (second day),[14].—Fretfulness, ill-humor, indolence,[1].—Anxiety,[10].—Great anxiety,[5].—Great desire to work (fifth day),[6].—[**10.**] Dulness of sense,[11].

Head.—Vertigo. Vertigo (fourth day),[3].—***General Head.*** Rush of blood to the head (after 3 grains),[2].—Congestion of the head, transient,[10].—Dulness and heaviness in the head on moving it, in the forenoon (after one hour),[1].—Heaviness in the head (twenty-second day),[15].—Sensation of heaviness and swaying in the head (seventh day),[15].—Head heavy and confused, with pressure deep within the brain (twenty-third day),[15].—Head heavy, as if full, especially in the forehead, with increased warmth of the forepart of the head and drawing in the arms and legs, in the morning (second day),[15].—Headache (second and fifth days),[9b].—[**20**] Headache, with redness and heat of the face (first day),[6].—Headache, in the evening (third day),[3].—Headache, about 8 or 9 P.M.; disappearing, but returning violently at 11 P.M. (second day),[6].—Violent headache, with chilliness (second day),[12].—Raging and beating in the whole head as with a hammer (after two and a half hours),[1].—Warmth rushes into the head and distresses her for a long time as soon as she goes into the house after walking in the cold air; the grumbling also reappears frequently during the day, especially on suddenly rising from sitting or stooping, but disappears in the open air (first day),[1].—Feeling of heat in the head,[15].—Heat in the head; pressure in the temples from within outward (twenty-third day),[15].—Transient heat mounts from the stomach into the head while sitting,[1].—Feeling of distension, and as if everything were turning around in the head, while reading at 8 A.M. (eleventh day),[15].—[**30.**] A peculiar sensation of distension in the middle of the brain, with a trembling sensation on every step beneath both eyes and extending to the temples, with a painful, weak sensation in the lower legs (fourth day),[15].—Bursting pressure deep

within the brain extending towards the ears, at 8 A.M. (ninth day),[15].—Dull headache, in the evening (second day),[3].—Boring in the bones of the head in various places on the left side, several times (nineteenth day),[15].—Drawing in the cranial bones (twenty-third day),[15].—Drawing in the cranial bones and left side of the lower jaw (seventeenth day),[15].—Pressure in the brain (tenth day),[15].—Pressure in the cranial bones (twenty-third day),[15].—Pressure beneath the cranial bones, lasting a long time,[15].—Pressure within the head, in various places (nineteenth day),[15].—[40.] Pressure deep within the head (fourteenth day),[15].—Pressure deep within the brain (seventeenth and nineteenth days),[15].—Pressure deep within the brain, as if upon the base of the brain, followed by a sensation of distension extending from the middle of the brain towards the temples (fifth day),[15].—Tearing in the cranial bones, especially on the right side (eleventh day),[15].—Tearing beneath the right cranial bones (twenty-fourth day),[15].—Beating at times in the cranial bones; now in the right, now in the left side; at times in the whole head while sitting, in the forenoon (third day),[1].—Sensation in the head like a wavelike rushing, not unpleasant, almost itching; extending forward through the whole head to the forehead, whereupon the vision becomes indistinct; lasting a long time while sitting, in the forenoon,[1].—***Forehead.*** Frontal headache (after a quarter of an hour),[9].—Constant pain in the right side of the forehead (second day),[6].—The forehead seems full and distended (nineteenth day),[15].—[50.] Bursting pain in the forehead (seventh day),[15].—Sensation as though the head were bound about the forehead with a band (after two hours and a half),[1].—Pressure in the forehead (twenty-second day),[15].—Pressure in the forehead extending to the sides of the head (fourth day),[15].—Pressure in the right side of the frontal bone (fourth day),[15].—Pressure in the left frontal bone (fifth day),[15].—Frequent pressure in the forehead (eleventh day),[15].—Violent pressure in the left frontal bone (third day),[15].—Sticking in the middle of the forehead, just above the root of the nose (second day),[1].—Tearing in the forehead and vertex, rather beneath the bones (nineteenth day),[15].—[60.] Tearing in the forepart of the forehead, with sleepiness and prostration, in the evening (third day),[1].—Tearing in the left side of the frontal bone (seventeenth day),[15].—Bruised pain in the forehead (sixteenth day),[16].—***Temple.*** Headache, in the right temporal region, after the late breakfast (fourth day),[3].—Intermitting boring as with a borer just in front of the left ear, in the temple,[1].—Drawing pain in the left temporal region (second day),[6].—Pressure, or rather a cramplike pain, in the left temple (after one hour),[1].—Pressure from within outward at the temples (fifth day),[15].—Pressing from within outwards in the left temple (fourth day),[15].—Pressure from within outward in the right, afterwards in the left temple (seventeenth day),[15].—[70.] Sharp stitches in the right temple, in the forenoon (third day),[1].—Some tearings in the right temple, and immediately afterwards in the chin and thumb, with gnawing in the middle of the lower jaw,[1].—Painful tearing and sticking in the left temple, deep in the brain; in the forenoon (third day),[1].—***Vertex.*** Sensation as though something heavy were lying upon the vertex (fourth day),[15].—Heaviness in the head as if a heavy weight were lying on the vertex, when stooping, in the afternoon,[1],—Sticking in the top of the head, deep in the brain, and also externally (first day),[1].—Acute though only transient sticking on the vertex, in the afternoon (third day),[1].—Tearing on the vertex, deep in the brain, extending to the occiput,[1].—***Parietals.*** The head feels screwed in from both sides, relieved by stooping, less violent on rising up (seventh day),[1].—Drawing in

the right side of the head (after four hours),[1].—[80.] Pressure on the right parietal bone (third day),[15].—Sticking pain in the right side of the head, extending thence to the ear (after one hour),[1].—Sticking as with knives in the right parietal bone and at the same time in the stomach, on sitting bent over, disappearing on becoming erect, in the afternoon (first day),[1].—A coarse stitch in the right side of the head extending deep into the brain,[1].—Severe coarse stitches as with an awl in the left side of the head (after two days),[1].—Painful tearing in the right side of the head, extending forward, in the forenoon, while sitting (third day),[1].—Beating externally in the left parietal bone; in the upper part near its union with the right; immediately afterwards a similar beating in the left outer ear, while sitting; after dinner,[1].—Violent jerking pain in the upper part of the right parietal bone, in the morning after rising; disappearing after some motion,[1].—***Occiput.*** Painful raging in the bones of the left side of the occiput,[1].—Dull headache like a heaviness in the occiput, in the forenoon,[1].—Warmth, and rushing like boiling water in the occiput (first day),[1].—[90.] Heat in the occiput, afterwards more in the middle of the brain, lasting a long time (fifth day),[15].—Drawing pain in the left side of the occiput, in the afternoon,[1].—Pain in the left side of the occiput, lancinating, shooting through the head to the occiput (second day),[14].—Extremely violent sticking pain in the right side of the occiput (after two hours),[1].—Some violent fine stitches in the occiput, which reappear after a few minutes while sitting (first day),[1].—Throbbing, together with painful stitches in the occiput, at 7 P.M. (first day),[1].—Pulsation in the left side of the occiput, and in the right elbow-joint (first day),[15].—***External Head.*** Painful drawing in the upper part of the head, externally (after half an hour),[1].—A peculiar sensation of fine sticking and of coldness in the scalp in front of and above the right ear, spreading out like rays from this point, quite momentary (first day),[15].—Several fine burning stitches as when one pulls out a single hair (third day),[1].—[100.] Feeling as if some one pulled a lock of hair on the vertex,[1].—Feeling as if some one pulled the hair on the left vertex, while sitting in the forenoon,[1].

Eye.—The eyes seem weak as though they would close, without sleepiness,[1].—Pressure in the eyes, for several days,[6].—Pressure in the left eye (after half an hour),[8].—***Orbit.*** Pain in the left side of the orbit (after two hours),[14].—Tearing in the bones of the left lower orbital margin, towards the nose, while sitting (after two hours and a half),[1].—***Lids.*** Inflammation of the meibomian glands of the left lower lid (fifth day),[6].—Jerking or twitching above the right lid, painless (first day),[1].—Jerking and burning in the right lower lid,[1].—[110.] Spasmodic twitching of the right lower lid (second day),[12].—An agreeable sensation about the lids and nose (fourth day),[6].—Sensation as if the upper lid were drawn down (after one hour and a half),[1].—Twitching in the right canthus so violent that it impaired vision, in the evening (third day),[1].—Fine sticking in the right inner canthus, disappearing on rubbing (second day),[1].—Itching in the inner canthus, now in one, now in the other eye, in the evening (third day),[1].—***Ball.*** Pain in the left eyeball, in the evening (second day),[14].

Ear.—Sudden sensation as if the ears were stopped and as though the head were distended at both sides, immediately disappearing (third day),[15].—Pain in the left ear, extending into the left parietal bone and left temple, while sitting soon after dinner,[1].—Boring gnawing pain in the left ear, extending towards the right, with undiminished mobility of the jaw, disappearing on rubbing, in the afternoon,[1].—[120.] Violent boring pain deep

in the right ear, extending towards the parietal bone and over the temple, in the afternoon,[1].—Pressure and roaring in the ear (after one hour),[2].—Painful sticking in the right ear, extending forward towards the temple; the pain extends into the right lower jaw (after half an hour),[1].—Stitches in both ears at the same time (after one hour and a half),[1].—Tearing deep in the right ear, shooting thence into the left parietal bone, in the forenoon (second day),[1].—Tearing in the right inner ear, then changing into the lower back teeth of the same side, while sitting in the afternoon,[1].—Painful tearing in the left external meatus, frequently repeated (first day),[1].—Violent tearing in the right ear for half an hour, in the evening (third day),[1].—Violent tearing in the right concha, in the evening (second day),[1].—*Violent tearing* in the bone behind the left ear (third day),[1].—[130.] Violent painful tearing in front of the right ear, in the bone (first day),[1].—Roaring in the ears (fifth day),[6].

Nose.—Objective. Bleeding of the nose (thirteenth day),[15].—Bleeding from the nose, in the morning (tenth day),[15].—Bleeding from the right nostril, in cool weather and without apparent cause (fifth day),[15].—Bleeding from the right nostril, in the evening during cool weather and without being previously heated (ninth day),[15].—Nosebleed, with vanishing of vision, in the afternoon (third day),[1].—The right nostril bleeds easily (second day),[15].—Blowing of some blood from the right nostril, in the morning (second day),[15].—Suddenly bright red blood from the right nostril, with a constricted sensation in the region of the heart and palpitation (eleventh day),[15].—[140.] Ineffectual efforts to sneeze (after two hours),[1].—Unusual sneezing (after a quarter of an hour),[9].—Frequent sneezing, especially violent at 11 P.M., often followed by great irritability of the nose (fourth day),[6].—Violent sneezing, repeatedly, in the afternoon (fifth day),[6].—Violent sneezing four times in quick succession, followed by some blood from the nose, which is bright red (fifth day),[6].—Violent sneezing six or seven times (after half an hour),[8].—Violent sneezing, lasting a quarter of an hour, followed by profuse bleeding of the nose, lasting three-quarters of an hour (after one hour),[5].—***Subjective.*** Stoppage of the nose (second to fourth day),[1].—Drawing sensation extending up both nostrils (after one hour and a half),[1].—Tearing, cutting as with knives in the bones and cartilages of the nose, in the afternoon while sitting,[1].—[150.] Fine tearing in the right side of the nose, lasting a long time, in the afternoon (first day),[1].—Great irritation in the root of the nose (fifth day),[6].—Tickling in the nose (after two hours),[1].

Face.—Objective. Frequent rush of blood into the face, with burning in the cheeks (third day),[1].—***Subjective.*** Tickling sensation in the face, in the evening (fifth day),[6].—***Cheeks.*** Sticking in the upper jaw and upper lip, in the afternoon (first day),[6].—Pain in the right zygoma, extending to about the orbit,[14].—Very painful sticking as with an awl in the right zygoma; in the afternoon while sitting (fifth day),[1].—***Lips.*** Jerking in the right side of the lower lip, in the evening (third day),[1].—***Chin.*** Tearing in the chin (after half an hour),[1].—[160.] Boring in the right side of the lower jaw, especially beneath the back teeth (thirteenth day),[1].—A boring pain in the angle of the left lower jaw, thence it extends up into the left temple and head, afterwards back again, while sitting, relieved by rubbing; after dinner,[1].—Boring-jerking pain extending from the right temple into the bone of the lower jaw, while sitting in the forenoon,[1].—Tearing in the middle of the right lower jaw, afterwards a similar pain in the teeth of the left upper jaw, while sitting in the afternoon,[1].—Tearing in the right lower jaw, rather towards the front from time to time,

while walking in the open air, then also continuing in the house, lasting till evening (first day),[1].—Violent tearing in the middle of the lower maxilla, which then changes to the back teeth, where it becomes a gnawing, while sitting in the forenoon,[1].—Boring, gnawing, tearing pain in the angle of the left lower jaw; thence it extends into the left parietal bone, then into the inner ear, afterwards in the right and then again into the left ear; together with throbbing deep in the bones; at 1 P.M. while sitting,[1].—Gnawing pain in the middle of the right lower maxilla, which then changes to the teeth corresponding to the same bone, disappearing when biting the teeth together; while sitting in the afternoon,[1].

Mouth.—Teeth. Pain in the teeth, pressive (first day); intermitting (second day),[14].—Toothache (fifth day),[6]; (fourteenth day),[15].—[170.] Toothache, after dinner and supper (ninth day),[15].—Toothache an hour after eating, lasting for two hours, and especially violent when walking rapidly (tenth day),[15].—Fine, sudden, transient stitches in the upper incisors, nape of the neck, left ankle-joint (third day),[15].—Tearing in the lower front incisors, and as she opens the mouth again two violent tearings, in the forenoon (first day),[1].—Feeling of crawling in the roots of the three lower right front teeth, lasting an hour, transiently relieved by pressing upon them, at 7 P.M. (first day),[1].—Crawling and almost tickling in the three front lower incisors, disappearing on biting upon them but immediately returning, at 4 P.M. (first day),[1].—Pressive, frequent tearing pain in the right upper teeth, and especially in the left back teeth (after two hours),[14].—Sticking in the roots of several upper teeth of the left side, at 2 P.M., especially violent about 4 P.M., and frequently repeated (seventh day),[1].—Tearing in the right lower teeth (twelfth day),[15].—Tearing and gnawing now in the right, now in the left lower molars, disappearing after lying down in the evening (third day),[1].—[180.] Sudden tearing in the right lower hollow back teeth, as though the teeth would be drawn out; the tearing extends into the upper back teeth, the ascending rami of the jaw, the right ear, and the temples, associated with increase of saliva, perspiration of the right half of the head and general perspiration, in the evening in bed; the pains are aggravated by warmth, relieved by motion of the body; cold air seems to relieve for the moment; pulsation in the whole right side of the lower jaw; (took Nux 3, at 10 P.M., after which the pain gradually disappeared) (sixth day); the pains in the right lower back teeth returned the next morning after the dose, were paroxysmal, afterwards increased, were aggravated by drawing in the warm air, and accompanied by accumulation of saliva; in the afternoon the teeth felt as if protruding from their sockets, returning at intervals for the next two days,[15].—Frequent jerklike tearing in the right lower back teeth, causing involuntary crying out, at 5 P.M. (eighth day),[15].—Gnawing pain in three sound middle molars of the right upper jaw, which extends into the zygoma; thence the pain extends into the left middle upper teeth, and then into the corresponding zygoma, where it disappeared,[1].—Some jerks in the right lower back teeth (seventh day),[15].—***Tongue.*** Vesicle on the tip of the tongue, at 4 P.M.,[11].—Burning on the tip of the tongue, lasting a long time (after one hour),[1].—Cooling burning, as from peppermint on the tongue in a small spot (after three hours),[1].—Sensation of lateral contraction of the tongue, immediately,[9].—Biting on the tip and forepart of the tongue, as from pepper (soon),[1].—***General Mouth.*** Burning in the posterior portion of the palate,[1].—[190.] Feeling as though there was a bad odor in the mouth, only noticed by himself (after one hour and a half),[1].—Numbness of the whole inner mouth, in the

morning after waking, disappearing after rising (second day),[1].—***Saliva.*** Profuse secretion of saliva (after one hour),[2].—Expectoration of bloody saliva,[1].—Accumulation of water in the mouth (after two hours and a half),[1].—***Taste.*** Metallic taste on the tongue, soon after first administering, in most instances,[24].—*Metallic taste on the tongue, with contracted feeling in the pharynx,*[16].—The soup at noon seems sweet to her,[1].

Throat.—Sticking in the left side of the throat while swallowing, in the morning (second day),[1].—Tickling in the throat, with dry cough, during the epistaxis (third day),[1].—***Fauces and Œsophagus.*** [200.] A sense of constriction at the fauces, soon after first administration (in most instances),[24]. —Distressing spasm at the isthmus faucium, when administered in the form of a powder (in some cases),[24].—Scraping in the fauces, immediately,[8]. —Feeling in the œsophagus almost like heartburn (after half an hour),[1].—***External Throat.*** Contractive sensation externally in the forepart of the throat (after one hour),[1].—Cramp in the parotid glands (after one hour),[2].—Drawing in the skin of the right side of the throat, extending into the lower jaw (after three hours),[1].—Violent tearing, extending from the left submaxillary gland into the left lower teeth (after a quarter of an hour),[1].—Jerking in the left jugular vein, disappearing for only a short time on rubbing, then returning again in a less degree, while sitting in the afternoon,[1].

Stomach.—Appetite. Appetite increased (sixth day),[7].—[210.] Increased sensation of hunger,[1].—No desire for anything at noon, though there was no aversion; daily,[3].—***Thirst.*** On the second, third, and fourth days, he drinks almost nothing,[2].—Constant inclination to eructate, with a distressing sensation in the stomach, lasting a long time,[1].—***Eructation and Hiccough.*** Eructations and loss of appetite, towards noon,[14].—Frequent empty eructations,[1].—Ineffectual eructations (after two hours),[1]. —Sour eructations (after three hours),[1].—Bitter eructations (after two hours),[1].—Eructations tasting like ink, which she was unable to get out of her mouth for a long time (soon),[1].—[220.] Sweet uprisings in the stomach,[1].—Hiccough,[1].—Hiccough after dinner (first day),[1].—***Nausea and Vomiting.*** Nausea, soon after breakfast (soon),[14].—Nausea, after the early breakfast (second day),[3].—Nausea, inclination to vomit, etc., with delicate persons even vomiting; at times the retching is so violent as to preclude the further use of the remedy, whilst in other cases the nausea continues for two or three days, and then gradually subsides; the retching and vomiting differ somewhat from those produced by common emetics, the contractions of the abdominal muscles and of the diaphragm being less violent, and the act not being succeeded by the usual feeling of distress and prostration; the ejecta present no peculiarity, except a blue color,[24].—Nausea, vertigo, and headache, at noon (second day),[9b].—Nausea, with the headache and vertigo, lasting the whole afternoon, and only disappearing in the evening, after being a long time in the open air (second day),[9b].—Nausea, with weakness (second day),[14].—Nausea and eructations, with frequent inclination to vomit, without effect, and rumbling in the bowels (after two hours),[11].—[230.] Great nausea, followed by vomiting, consisting of much mucus colored with indigo (second day),[5].—Inclination to vomit (fourth day),[3].—Frequent inclination to vomit, with eructations of a very great deal of gas,[16].—Vomiting,[16].—The vomiting takes place without much strain, suffering, or fatigue,[16].—At first the patient vomited freely, without any straining or derangement of the digestive organs,[22].—Vomiting, with diarrhœa,[21].—Vomiting of mucus,[17].—Women vomit more

easily than men,[16].—***Stomach.*** Gastrosis, with loss of appetite, pressure in the head, vertigo, and sometimes cloudiness of vision,[16].—[240.] Moving back and forth in the stomach, with burning (after one hour and a half),[1]. —Uncomfortable feeling in the stomach, with nausea and eructations of air, lasting a long time (seventeenth day),[15].—Cardialgia, with intestinal colic,[16]. —Feeling of fasting in the stomach (after two hours),[1].—Stomach feels as after complete fasting, with uprisings of heat from time to time, while sitting (after three hours),[1].—Pressure in the stomach (soon),[6]; (first day),[9a]. —Pressure and cutting pain in the stomach, as yesterday, after a cup of bouillon (fifth day),[6].—Violent pressure in the stomach, aggravated by external pressure, with distension in the epigastric region (even while fasting); the pain lasted half an hour, and then extended to the back and into the left scapula, afterwards into the left arm; a bruised sensation remained in the pit of the stomach; a reminder of pain aggravated by external pressure (fifteenth day),[15].—A clawing pain in the pit of the stomach, extending down into the umbilical region (first day),[13].—Sudden cutting pain and pressure in the stomach, after a cup of bouillon; the stomach does not seem to tolerate broth (fourth day),[6].—[250.] Severe cutting pain in the stomach, with excessive flatulence, in the evening (second day),[6].

Abdomen.—Hypochondria. Pain in the left hypochondrium (seventeenth day),[15].—Pressive pain in the right hypochondrium (after a quarter of an hour),[9].—Painful stitch in the right hypochondriac region, as large as the palm of the hand, with a stitch extending to the front of the shoulder-joint; while sitting, disappearing on moving about,[1].—***Umbilical.*** Intermitting gurgling extending from the stomach into the abdomen in the umbilical region, while sitting (after two hours),[1].—Pain in the umbilical region,[18]; (fifth day),[15].—Pain in the umbilical region, which feels hard to the touch, aggravated by pressure and inspiration, as well as by fasting, and also in the evening, only, however, while sitting (first day),[15].— Violent cutting pains at the umbilicus (second day),[9b].—Griping about the umbilicus and urging to stool, followed by diarrhœa, with griping in the abdomen; after the stool the griping ceases (after one hour),[1].—***General Abdomen.*** Rumbling and moving about in the abdomen,[1].—[260.] Flatulence (soon),[14]; (after half an hour),[8].—Emission of much flatulence (second day),[9b].—Unusual flatulence and urging to stool (after one hour, second day),[9].—Frequent emission of offensive flatus, in the evening, night, and morning (second and third days),[1].—Slight gastro-enteric pains during nausea and retching, and during the diarrhœa, in rare instances so violent as to proscribe the further use of the remedy,[24].—Pain in the upper abdomen, with nausea and anxiety, lasting an hour, at 2 A.M. (first day),[1].— Painful tension about the upper abdomen; afterwards griping, followed by at first hard then liquid stool, in the afternoon (first day),[1].—Fulness in the abdomen, with much flatulence (second day),[9b].—Sensation of fulness and moving of flatulence in the abdomen,[9b].—Griping and rumbling in the abdomen, as if diarrhœa would follow; afterwards a soft stool, with emission of much flatus (fourth day),[1].—[270.] Violent griping in the whole abdomen, about 5 A.M., so that she is awakened by the pain, followed by urging to stool, and a profuse semiliquid stool, with cessation of the pain,[1]. —Uncomfortable, oppressed sensation in the upper abdomen, on waking unusually early in the morning (second day),[9b].—Cutting pains wandering about the whole abdomen, aggravated by pressure, worse in the rectum (twenty-second day),[15].—Constant cutting pain in the abdomen, increased by retracting the walls of the abdomen and by pressure, momentarily re-

lieved by holding oneself erect; the abdomen is full of gas (the pains last two hours), (third day),[15].—Violent colic, with flatulence and urging to stool (third day),[6].—Twinging in the abdomen in the morning in bed, followed by the usual stool and cessation of the pain (third day),[1].—***Hypogastrium and Iliac Region.*** Griping in the right lower abdomen, lasting a minute, at 7 P.M., soon followed by a soft stool and disappearance of the pain,[1].—Pain almost like a drawing in the right groin near the ilium, immediately afterwards a griping in it, and afterwards a stitch from within outward above the female breast,[1].—Pinching-sticking cutting, or rather a long stitch, as with a knife in the right groin (after second day),[1]. —Violent stitch in the left groin, so that she was obliged to stand still while walking, at 1 P.M. (second day),[1].—[280.] Twinging in the left groin, extending to beneath the ribs, while sitting, after dinner,[1].—Biting in the left groin (after one hour and a half),[1].

Rectum and Anus.—Dull sticking in the rectum (twenty-third day),[15].—Urging to stool, followed by liquid evacuation (after half an hour),[8].—Great urging to stool, at 6 P.M. (second day),[6].

Stool.—Diarrhœa. It seems to promote the stool in its primary action,[1].—Slight diarrhœa, which, however, ceases spontaneously when the Indigo begins to be more easily assimilated with the digestive organs,[23].—Constant diarrhœa,[16].—After all inclination to vomit has ceased a diarrhœa usually takes its place, increases rather than diminishes as the treatment proceeds, and lasts during the whole time that the Indigo is administered; from four to six stools of a semifluid consistency and a blue-black color are produced daily, with accompaniment of slight gastro-enteric pains,[24].—At first the patients vomited frequently, without any straining or derangement of the digestive organs; after a few days this ceased, and they had six or eight stools a day, sometimes accompanied by slight colicky pains; after a short time the purging diminished, the matter passed assumed a fluid character, and this state continued as long as the drug was administered, without the appetite or digestive organs being injured,[22].—[290.] Four to six soft stools daily,[19].—Two evacuations in the morning, followed by tenesmus, without pain in the abdomen (after second day),[1].—Stool with violent pressure, though it was soft, and after a quarter of an hour a loose stool,[1]. —Liquid stool, without any symptoms either before or after,[1].—Urging to stool, followed by liquid evacuation (although he had had a stool shortly before taking the drug), soon,[8].—Stool softer than usual (fourth day),[1].—Hard stool daily,[1].—***Constipation.*** Bowels remained obstinately constipated instead of being relaxed (one or two cases),[24].—Stool indolent during the whole proving,[15].—Stool delayed, scanty, hard, for several days (ninth day),[15].—[300.] Stool withheld (first day),[15].—Stool retained (second and third days),[15].

Urinary Organs.—Bladder. Pain in the bladder, during micturition (second day),[6].—***Urethra.*** Sticking in the urethra (fourth day),[13]. —Peculiar itching in the urethra and on the scrotum (second day),[5].—***Micturition.*** Constant desire to urinate; the urine is turbid (second day),[7].—Constant desire to urinate, he is obliged to go every hour regularly, without, however, having drunk more than two cups of coffee; urine turbid (second and third day),[7].—Secretion of urine decidedly increased, so that he was obliged to pass it twenty-four times during the day; however, he had respite during the night; during micturition a decided sensation of contraction of the urethra, with pain in the region of the bladder; urine very slimy and turbid (fourth day); symptoms somewhat relieved, urine

much clearer and passed with less tension (fifth day),[7].—Great desire to urinate, at an unusual time (first day),[15].—Great desire to urinate (after one hour); urinating four or five times during the hour,[2].—[310.] Frequent urging to urinate with burning in the base of the bladder (after fourteen days),[8].—Excessive and frequent urging to urinate in the afternoon, and especially at night; only a little turbid urine was passed each time, and micturition was painful (first day),[5].—Frequent micturition, with pressure in the abdomen, urine clear, throughout the first day,[9].—Increased emission of urine,[5].—Increased flow of urine, in the afternoon (second day),[9a].—Burning micturition (third day),[5].—***Urine.*** Urine increased (third and fourth day),[15].—Urine increased and passed more frequently than usual (second day),[1].—Secretion of urine increased (second day),[9]; in afternoon,[9b].—Urine of a dark violet hue; that secreted at night paler than that of the morning,[24].—[320.] Urine colorless, very thin (first day),[2].—Urine turbid (second day),[6].

Sexual Organs.—Male. Coldness of the glans penis and prepuce,[2].—Itching of the glans penis (fourth day),[13].—Sexual excitement increased (fourteenth day),[8].—Sexual desire somewhat increased (fifth day),[7].—Sexual desire greatly depressed (third day),[7].—***Female.*** Menstruation eight days too early (sixth day),[1].

Respiratory Organs.—Larynx and Trachea. Sticking in the larynx, in the evening (third day),[15].—Sticking and tickling in the larynx, with irritation to cough (first day),[15].—[330.] Fine sticking in the larynx, lasting a long time (first day),[15].—Stitches in the larynx and short paroxysms of cough, a few times (fifth day),[15].—Violent stitches in the larynx causing lachrymation and accumulation of saliva (sixth day),[15].—Clawing pain in the trachea, which gradually extended lower down until it seemed to involve the smallest bronchi, provoking cough which loosened small masses of tenacious mucus; these symptoms gradually disappeared after half an hour (after half an hour),[8].—***Cough and Expectoration.*** Cough in the morning after rising, soon disappearing,[1].—Cough wakes her frequently at night; she also coughs frequently during the day (sixth day),[1].—Cough amounting to suffocation, in the evening before, and two hours after, lying down (second day),[1].—Violent cough, which provoked vomiting, before, and half an hour after, lying down (third evening),[1].—Profuse expectoration of mucus from the bronchial tubes and trachea,[11].—***Respiration.*** Oppressed respiration, while sitting (fourth day),[15].—[340.] Respiration impeded, like a cramp in the chest, in the open air (after ten minutes, first day),[9a].—Difficult respiration,[15].—Difficult respiration, with oppression of the chest as from a weight, worse while sitting, lasting several hours (twenty-second day),[15].—Respiration short and difficult, with oppression of the chest and anxious sensation in the heart and short beats of the heart, worse during rest, better when walking (lasting several hours), (twenty-third and subsequent days),[15].

Chest.—Rumbling and gurgling in the chest on every inspiration, lasting a long time,[1].—Pain in the walls of the chest, in various places (thirteenth day),[15].—Pain in the short ribs of the right side (after two hours),[14].—Pain almost like a burning in one of the lower ribs of the right side, frequently occurring (first day),[1].—Tightness in the chest (twenty-fourth day),[15].—Tightness of the chest, with difficult respiration (seventeenth day),[15].—[350.] Pressure on the middle of the chest, without affecting respiration (after one hour and a half),[1].—Pressure upon the chest and oppression behind the sternum (fifth day),[15].—Pressure upon the chest, with

difficult respiration (seventh day); while sitting (first day),[15].—Oppression of the chest,[10 15].—Oppression of the chest, the breath is inspired with difficulty, while sitting (third day),[15].—Oppression of the chest with palpitation, while sitting (fourteenth day),[15].—Constant feeling of oppression in the chest as from a weight, with difficult respiration, and with the assistance of the abdominal muscles, while sitting (nineteenth day),[15].—Cutting pain in the middle of the lower false ribs of the right side, in the forenoon (first day),[1].—Sticking in the walls of the thorax (eleventh day),[15].—Stitch in the right false ribs, extending to the small of the back (after two hours),[1]. [360.] Stitches extending around the left wall of the thorax (second day),[15]. —Sharp stitches in the lower false ribs, very painful,[1].—Fine stitches through the left lung, more towards the anterior wall of the thorax (fourth day),[15].—Constrictive stitches in the chest,[9].—Violent palpitation, like a twitching, in the region of the right fourth and fifth ribs, at 3 P.M. (second day),[6].—***Front.*** Pain in the sternum and on the sides of it (sixth day),[15]. —Gurgling-like pressure in the upper part of the sternum (after two hours),[1].—Pain in the sternum as if bruised, on entering a warm room,[1].— Pain almost like a sticking in the ensiform cartilage,[1].—Pain like a cutting above the ensiform cartilage (first day),[1].—[370.] Sticking in the sternum, in the afternoon, while sitting (second day),[15].—Stitches behind the sternum (first day),[15].—Violent sharp stitch in the middle of the sternum, extending through the chest, while sitting (after two hours and a half),[1].—Three sudden frightening stitches in the sternum, above the pit of the stomach, in the forenoon (first day),[1].—***Sides.*** Pain in the right wall of the thorax, after supper (fourth day),[15].—Drawing pressure in the side of the chest, just beneath the axilla, extending through into the right scapula, in the afternoon while sitting,[1].—Sticking in the right side of the chest near the sternum (after one hour),[1].—Fine stitches in the left wall of the thorax (third day),[15].—Tearing in the left wall of the chest (twenty-fourth day),[15].— Throbbing in the right side of the chest (fourth day),[6].—***Mammæ.*** [380.] A long-continued burning behind the left breast while sitting (third day),[1].—Boring into the right female breast while sitting,[1],—Painful sticking in the left female breast; on rubbing it extended farther backward; afterward it appeared again in the first place, while sitting in the afternoon,[1].—Extremely painful stitch beneath the left female breast, extending inward, in the afternoon while sitting,[1].—A long stitch just beneath the right nipple (after three hours),[1].—A sudden burning stitch near the left female breast, near the sternum, extending inward, in the afternoon while sitting,[1].

Heart and Pulse.—Præcordium. Tensive pain in the region of the heart (third day),[3].—Oppression at the heart, while sitting (fourth day),[15].—***Heart's Action.*** Some violent beats of the heart at its tip (seventh day),[15].—Several strong beats of the heart (sixth day),[15].—[390.] Violent beating of the heart (eleventh day),[15].—Violent beating of the heart perceptible in the head, at 7 A.M. (seventeenth day),[15].—Violent irregular beating of the heart, while sitting,[15].—Palpitation (two hours after 3 grains),[9].—Palpitation with oppression of the chest (eighteenth day),[15].—Palpitation and rush of blood to the head with heat, while walking rapidly, even lasting some time in the house, in the evening (fourth day),[1]. —***Pulse.*** Pulse rapid (second day),[6].—Pulse more rapid than usual, with violent beating of the heart perceptible in the head and arm, together with short and impeded respiration, while sitting (frequently repeated during

the day), (seventeenth day),[15].—Pulse spasmodic,[16]; (after half an hour),[9].—Hard pulse (two hours after 3 grains),[2].

Neck and Back.—Neck. [400.] Feeling of stiffness in the cervical muscles, during rest (fourth day),[15].—Drawing in the left side of the neck (eighth day),[15].—Violent drawing on the left side of the neck, while walking, especially under the skin (seventh day),[15].—Violent pressure in the muscles between the neck and left shoulder, several times (sixth day),[15].—Tearing beneath the skin on both sides of the neck, in the evening (fourteenth day),[15].—Tearing in the left side of the neck (twelfth day),[15].—Tearing extending up and down in the left cervical muscles (third day),[15]. —***Back.*** Drawing extending from the small of the back into the shoulders (after three hours),[1].—Sticking in various muscles of the back (seventeenth day),[15].—Bruised pain in the muscles of the back (twenty-third day),[15].—***Dorsal.*** [410.] Pains in the left scapula (fourth day),[15].—Pressure between the scapulæ,[15].—Dull pressure in the spinal processes of some of the dorsal vertebræ, lasting a long time (fifth day),[15].—Constant fine sticking in the right scapula (after one hour),[1].—Drawing sticking pains following the course of the left musculus rhomboideus,[8].—A stitch between the scapulæ, after dinner,[1].—Stitches in the scapulæ (nineteenth day),[15].—Stitches in the muscles between the scapulæ (first day),[15].—***Lumbar.*** Sticking in the small of the back, preceding a hard stool; the pain disappears after the stool (first day),[1].—Dull stitches in the right lumbar region, intermitting,[1].—[420.] Nephritic colic, with greenish urine,[17].

Extremities in General.—Objective. Subsultus tendinum in all the limbs (third day),[14].—Weariness of the limbs (fifth day),[6].—Weakness of the hands and feet, as if sprained (third day),[1].—***Subjective.*** Feeling of weakness in the limbs (fourth day),[6].—Drawing in several joints (tenth day),[15].—Pressure in the right elbow (fifteenth day),[15].—Pressure in right lower leg and right forearm (sixth day),[15].—Pressure in left calf and forearm,[15].—Pressure in left calf, upon right tibia, and right radius, coming and going several times (fourth day),[15].—[430.] Tearing in right shoulder-joint, afterwards in right ankle (fourteenth day),[15].—Tearing in the joints of the hands and feet, a few times during the day (third day),[15].—Tearing in the right great toe and in the first and middle joints of the left ring and middle fingers, while sitting in the afternoon,[1].—Bruised pain, suddenly changing its location, in the joints and soft parts near the joints (nineteenth day),[15].—The pains in the limbs seem to be aggravated after every meal (sixth day),[15].

Superior Extremities.—Weakness of the arms, in the forenoon,[1]. —Drawing in the muscles of the arms (eighteenth day),[15].—Drawing, extending down the left arm, starting from the lower portion of the neck (fifth day),[15].—Drawing, extending from the right shoulder-joint through the whole arm as far as below the joint of the thumb, where it ended in the bone with a jerking, while sitting; disappearing on moving about (after three hours),[1].—Frequent bruised pain in the arms (sixteenth day),[15].—***Shoulder.*** [440.] Pressive pain in the right deltoid muscle (twenty-second day),[15].—Sticking beneath the right axilla,[1].—Sticking pain through the left shoulder from before backwards, while sitting in the afternoon,[1].—Violent sticking in the right shoulder-joint, at 4 P.M.,[1].—Tearing in the left shoulder-joint, at 4 P.M. while sitting,[1].—***Upper Arm.*** Pain beneath the left humerus (after two hours),[14].—Drawing in the right upper arm (seventeenth day),[15].—Painful jerking drawing, extending from the right

shoulder along the outer surface of the humerus to the vicinity of the elbow and back again, thence into the right scapula, where it disappeared, while sitting,[1].—Sticking on the outer surface of the right upper arm from without inward (after two hours),[1].—Frequent stitches in the upper arm (seventh day),[15].—[450.] Tearing in the right upper arm (twelfth day),[15]. —Tearing in the left upper arm (fourteenth day),[15].—Tearing in the muscles of the right upper arm (eighth day),[15].—Tearing in the middle of the right upper arm, in the bone, at first aggravated by pressing upon it, but relieved by long-continued pressure, while sitting (first day),[1].—Tearing and pressure in the muscles of the upper arm, frequently followed by a sensation of loss of power in the forearm, which is afterwards felt in the pectoral muscles (twenty-second day),[15].—Painful tearing above the elbow, extending into the shoulder-joint, while sitting in the afternoon,[1].—Bruised sensation in the left upper arm (twenty-third day),[15].—Bruised pain in the left upper arm (sixth and seventeenth days),[15].—Bruised pain in the right upper arm, afterwards on the inner margin of the left scapula (fifteenth day),[15].—***Elbow.*** Sticking in the elbow-joint, extending into the shoulder, while sitting in the afternoon,[1].—[460.] Fine sticking just above the bend of the right elbow, at pulselike intervals (after two days),[1].—Two burning stitches in the right inner condyle of the elbow,[1].—Fine tearing in the anterior surface of the right elbow, as if in the periosteum, disappearing after pressing upon it,[1].—Gnawing pain in the elbow-joint, extending along the ulna to near the wrist, relieved by moving and flexing the arm (after two hours),[1].—Violent pulsation in the left elbow-joint (fourth day),[6].—***Forearm.*** Rheumatic pains in the forearm,[9].—Drawing in the right radius (fifth day),[15].—Drawing in the muscles of the left forearm, afterwards in the right (eleventh day),[15].—Drawing pain in the left forearm at the place where one feels the pulse (after half an hour),[1].—Violent gnawing-tearing pain, extending from the elbow-joint down the posterior side of the arm as far as the first joint of the right little finger; after moving the arm the pain again extended into the elbow, thence into the shoulder-joint; after violent motion it again returned in the same finger-joint, where it at last disappeared, while sitting in the forenoon,[1].—***Wrist.*** [470.] Sticking in the right wrist on moving it, lasting five minutes (second day),[1].—***Hand.*** The veins of the hands swell, become red, and tense, as if swollen, in the forenoon (second day),[1].—Transient sticking on the back of the right hand in the first finger-joints (second day),[1].—Tearing in the back of the left hand (after half an hour),[9].—Tearing in the metacarpal bone of the left thumb (seventeenth day),[15].—***Fingers.*** Pain in the left index finger (after two hours),[14].—Drawing in the left thumb and in the lumbar muscles; disappearing on moving about (third day),[15].—Drawing in the left fingers, in the upper arm, and in the right side of the forehead (eighth day),[15].—Pressure in the joints of the right thumb,[15].—Fine stitches on the dorsal surface of the second joint of the left index finger, worse on moving the joint (seventh day),[15].—[480.] Painful tearing in the first phalanx of the right thumb, and a painful drawing from the left shoulder into the left side of the head (after two hours and a half),[1].—Jerking tearing in the right little finger, especially in the last and middle joints, while sitting in the afternoon,[1].

Inferior Extremities.—Great weakness of the lower limbs, even in the evening, lasting after lying down (sixth day),[1].—(Rheumatic heaviness of the limbs), (second day),[9b].—A drawing in the anterior surface of

both legs, while walking, changing to a sensation of weakness while sitting (fourth day),[15].—**Tearing pain four fingers' breadth above the the left knee-joint, extending to a hand's breadth above the ankle; in the afternoon while sitting; disappearing on rising and walking about,[1].—***Hip.* Sticking from without inward just above the right hip (after two hours),[1].—***Thigh.*** **Indescribable pain, extending from the middle of the thigh to the knee, in the bone, disappearing when walking and returning during rest, in the afternoon,[1].—Drawing in the flesh on the outer side of the right thigh (first day),[15].—Tearing in the left femur towards the outer surface, while sitting after dinner,[1].—[490.] Tearing in the middle of the left thigh, in the bone, in the afternoon while sitting (third day),[1].—Bruised pain in the middle of the thigh, as usual before the menses, even while in bed in the evening (fifth day),[1].—Wandering bruised pain in the left thigh, back of the right foot, and right side of the cranial bones (twenty-second day),[15].—***Knee.*** Constant weariness of the right knee (first day),[13].—Boring pain in the left knee-joint, while sitting,[1].—Drawings in the left knee and in the left dorsal muscles (fourth day),[15].—Drawing pains in the left knee-joint, extending to the middle of the left thigh, in the bone (after three hours),[1].—Pressure above the right knee (seventeenth day),[15].—Stitches in the right knee (sixth day),[15].—Stitches in the forepart of the knee, while sitting (second day),[15].—[500.] Tearing in the knee (after three hours),[1].—***Leg.*** Pain, extending from the knee-joint through the tibia to below its middle, while sitting, disappearing on moving about (after two hours),[1].—Drawing in the left lower leg (ninth day),[15].—Drawing in the left tibia (twenty-second and subsequent days),[15].—Painful drawing on the outer side of the left leg, remaining for some time in the external malleolus and its vicinity (first day),[15].—Pressure in the lower legs (fifth day),[15].—Pressure in the left leg (twenty-third day),[15].—Pressure in the left calf and in the right wall of the thorax (fourth day),[15].—Pressure in the left calf, continuing as long as he keeps the leg quiet, but disappearing on moving it (first day),[15].—Pressure in the right tibia (second day),[15].—[510.] Dull pressure in the left tibia, extending into the ankle-bone (second day),[15].—Sticking in the left calf (seventeenth day),[15].—Tearing in the right lower leg (seventh day),[15].—Tearing from the left ankle to above the knee, in the bone, in the afternoon,[1].—Tearing in the right tibia (nineteenth day),[15].—Tearing in the left tibia (seventeenth and eighteenth days),[15].—Pricking sensation in the left leg, at the point where the muscle passes into the tendo Achillis, in the afternoon,[8].—Bruised pain in the joints and muscles of the right leg (nineteenth day),[15].—***Ankle.*** Heaviness in the malleoli of the right ankle, with a feeling of contraction extending up into the thigh (after two hours),[1].—Violent drawing in the right ankle, in the left radius, afterwards in the right (eleventh day),[15].—[520.] Pressure in the right ankle and right parietal bone, after dinner (fourth day),[15].—Pressing in both ankles, compelling him to move them, when it disappears (first day),[15].—Much fine sticking near the right inner malleolus (first day),[15].—Stitches in the left ankle (seventeenth day),[15].—Continuing stitches in the right internal malleolus, while in bed in the evening (third day),[15].—***Foot.*** Feeling of weakness of the left foot,[1].—Drawing upon the back of the left foot, afterwards on the right (fifth day),[15].—(Suddenly the most violent pain in the sole of the left foot, in the forenoon while sitting, she was unable to step upon it, with a feeling as if the tendons were too short; she was obliged to limp while walking; the ball of the foot was thereby swollen; when the foot hangs down, and also at night, there is a throbbing, long-continued, as in an ab-

scess, even painful to pressure, lasting eight days),[1].†—Drawing in the left heel and ankle, while sitting (nineteenth day),[15].—***Toes.*** Drawing in the right toes and right side of the forehead (seventh day),[15].—[530.] Two violent painful tearings in the joints of the left great toe, so that she fears that the toe will be torn from the joint, while sitting during dinner,[1].

General Symptoms.—Objective. Circulation excited,[10].—Nerves very much affected (sixth day),[7].—Subsultus tendinum,[16].—Slight spasms and twitchings of the tendons (after a few weeks), (in some cases),[24].—Indolent, very weary, in the forenoon,[1].—Unusually little weariness, after eating,[14].—Great weakness through the day,[5].—Great weakness, after only a short walk,[11].—***Subjective.*** Constant malaise and vomiting,[20].—[540.] Very sick and weary (second and third days),[7].—Sticking and tearing here and there over the whole body, in the afternoon and evening (fifth day),[1].—The pains are either removed entirely by rubbing and pressure, or they return in a less degree,[1].

Skin.—Eruptions, Dry. Eruption of fine heat-rash, especially on the left side of the face, extending from the forehead to the throat (after 3 grains),[2].—Pimples on the forehead, also on the right side of the lower jaw, all with a painful sensation (fifth day),[6].—The whole face and also the whole body covered with pimples (after a few days),[4].—***Eruptions, Moist.*** Itching vesicle on the back of the left hand, in the evening (third day); the following morning the same on the back of the right hand,[9a].—***Eruptions, Pustular.*** A small boil on the right side of the neck, disappearing after three days (after seven days),[1].—A rather large boil on the left nates (after four days),[1].—***Subjective.*** Itching of the skin, especially of the face (after 3 grains),[2].—[550.] Violent itching in various parts of the body, especially in the right elbow-joint (second day),[3].—Tingling in the forehead (fifth day),[6].—Tickling sensation alternately in various parts of the face, especially about the external canthus and wing of the nose (third day),[6].—Feeling of tickling in the left cheek (second day),[6].—Itching on the chin, disappearing on rubbing,[1].—Itching of the hypogastric region (third day),[14].—Itching of all the limbs,[5].—Itching on the backs of both hands, followed by eruption of hives, which soon disappears, but returns in the evening (after one hour),[9].—Itching on the back of the left hand, with eruption of two pimples,[9].—Itching on the inner side of the thigh (third day,[14].

Sleep and Dreams.—Sleepiness. [560.] Yawning, with sleepiness (after two hours),[1].—Much yawning,[9].—Frequent yawning, in the forenoon,[1].—Great inclination to sleep, the whole day (third day),[12].—Sleepiness in the afternoon,[1].—Great sleepiness in the evening (first day),[9a].—Great sleepiness, while sitting, at 9 A.M.,[1].—Excessive sleepiness (third day),[5].—Very sleepy towards evening, but then a restless night (second day),[1].—Prolonged sleep, in the morning, with agreeable dreams of journeyings (third day),[9b].—***Sleeplessness.*** [570.] Falls asleep late in the evening,[1].—Sleep gentle, refreshing, but not sound,[5].—Uneasiness at night,[5].—Starting up and frequent waking at night,[1].—***Dreams.*** Uneasy dreams at night (second day),[9a].—Frightful dreams (fifth day),[3]; (sixth day),[7].—Remembered dreams of quarrels and fights (first night),[1].—Dream of flying upon the back, several feet above the earth (first day),[9a].—Anxious dream that she was riding in a wagon, and the horses ran away, whereupon she woke in a fright (second night),[1].—Muttering unintelligible words in sleep, before midnight (first day),[1].

† She had a similar attack four months previous, after a long walk.

Fever.—Chilliness. [580.] Chilliness over the whole body (after half an hour),[8]; (second day),[12].—Chilliness of the whole skin, coldness of the usually warm hands (after one hour),[8].—Unusual chilliness (the whole first day),[7].—Coldness in the morning, after rising,[1].—Some coldness before going to sleep,[1].—Coldness of the hands, lasting a quarter of an hour (after half an hour),[8].—***Heat.*** Great heat, especially of the face,[5].—Feeling of warmth in the forepart of the chest (first day),[15].

Conditions. — **Aggravation.** — (*Morning*), Head heavy, etc.; at 8 o'clock, while reading, feeling in head; after rising, pain in parietal bone; after waking, numbness of inner mouth; early, on waking, sensation in upper abdomen; after rising, cough; after rising, coldness.—(*Forenoon*), While sitting, beating in cranial bones; while sitting, sensation in head; stitches in temple; tearing, etc., in temple; while sitting, tearing in side of head.—(*Afternoon*), Sticking on vertex; while sitting, sticking in zygoma; at about 4 o'clock, sticking in roots of teeth; at 5 o'clock, tearing in back teeth; while sitting, sticking in sternum; while sitting, *pains in limbs;* sticking, etc., all over.—(*Evening*), Headache; at 8 or 9 o'clock, returning at 11 o'clock, headache; twitching in canthus; itching in canthus; pain in eyeball; pain in stomach, etc.; sticking in larynx; cough; palpitation, etc.; tearing in sides of neck; stitches in malleolus; sticking, etc., all over.—(*Sitting bent over*), Sticking in parietal bone, etc.—(*After breakfast*), Nausea.—(*After walking in cold air*), On going into house, warmth rushes into head.—(*After dinner*), While sitting, relieved by rubbing, pain in angle of jaw; hiccough.—(*After eating*), The pains; especially when walking rapidly, toothache.—(*Fasting*), Pain in umbilical region.—(*Inspiration*), Pain in umbilical region.—(*After every meal*), Pains in limbs.—(*Motion*), The pains.—(*Pressure*), Pain in umbilical region.—(*Rest*), All symptoms.—(*While sitting*), Heat from stomach into head; stitch in hypochondriac region; pain in umbilical region; difficult respiration; oppression of chest; *pains in breasts; pains in limbs.*—(*After supper*), Pain in wall of thorax.—(*Warmth*), Pain in back teeth; pain in sternum.

Amelioration.—(*Motion*), Pain in parietal bone; pains in back teeth; drawing in thumb, etc.—(*Moving arm*), Pain in elbow-joint.—(*Rubbing*), The pains.—(*Stooping*), Screwed-in feeling in head.—(*Walking*), Short respiration.

INDIUM METALLICUM.†

Metallic indium.

Preparation, Trituration of the pure metal.

Authorities. Bell's collection of provings in MS., as follows: **1**, J. U. W., took 30th dil., 2 drops at one dose; **2**, J. S. H., took 30th dil., 10 drops at one dose; **3**, D. C. P., took 30th dil., 8, 10, 15, and 20 drops in five days, later 3d trituration; **4**, W. K. K., took 50th dil., 1000 Fincke; **5**, C. H. B., two doses 30th dil.; **6**, T. L. B., 3d trit.; **7**, T. C. F., 2d and 3d trit.;‡ **8**, C. H. E., 3d trit.; **9**, J. B. B., 30th and 50th dil.; **10**, Lady, 30th dil.; **11**, M., 30th dil.; **12**, R. G. W., 3d trit.; **13**, Arthur de Noe Walker, M.D., 100,000 Fincke, one dose; **14**, "A healthy farmer," 1000 Fincke, one dose.

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† Wholly prepared for this work by Dr. Bell.

‡ This prover had many headaches during the proving, but as he was subject to them he did not consider them genuine, and they have been omitted.—B.

Mind.—Depression of spirits without cause,[5].—Depression of spirits,[8]. —Restless, cannot sit still, must walk about,[8].—Feel almost crazed when attempting to study (with dull, heavy nervous headache),[6].—Cannot fix the thoughts on anything,[6].—While reading, mental dullness with full feeling in front of the head,[7].

Head.—Dizzy disagreeable sensation in the head on rising from a seat,[3]. —After retiring, nausea and dizziness, and pain in region of liver,[3].—When sitting, and stooping slightly, sensation of vertigo and fulness in the front part of the head,[4].—Awoke between 3 and 4 A.M., with vertigo, worse on turning the head on the pillow, much worse on rising, and then attended with faintness and nausea; forced to lie down several times while dressing; at half past eight, being unable to sit up, took a dose of Bryonia 200 and was soon relieved,[12].—[**10.**] Head felt crammed full,[1].—Headache as though it would crack off, from temple to temple, and passing backwards as low as the bottom of the ears,[1].—Every motion jars the head and increases the pain,[1].—Headache all night with fever, restlessness, and desire to stretch,[1]. —Headache relieved by pressure,[1].—Headache at night,[4].—Headache night and morning,[4].—Dull headache in the forehead on waking, passing away during the forenoon; never had a headache like it before,[4].—Dull headache in the evening; high up in the border of the hair a pressing aching pain, and on stooping feeling of fulness and expansion of the aching part, as though it grew larger,[4].—Dull headache every afternoon,[4].—[**20.**] **Dull headache in the temples and forehead, with sleepiness and nausea*,[1].—Thirst followed by great headache in the frontal region, low down, with pressing over the eyes, hot palms of the hands and dry mouth and lips,[8].—Headache over the whole forehead, extending to the external angles of the eyes, with dull stupid feeling,[8].—Headache with slight nausea,[8].—Headache in the evening,[8].—Headache extended to the eyes, with sharp pain in the eyeballs, from before backwards, worse from turning or raising them,[1].—Pain in the head over the left eye, and in the right upper molar teeth, with nausea, dizziness, and pain in the region of the liver,[3].—Slight feeling of heat and fulness in the forehead, continuing through the day,[5].—Sharp pressing pain in the right temple when firmly closing the teeth,[5].—[**30.**] Heat in the forehead, with slight throbbing pain in the temples,[5].—Headache on the left side,[14].—Diarrhœa with headache on the right side,[14].—Momentary pain as from pressure behind right temple,[10].—Severe attack of headache in right temple lasting several days, with lachrymation of right eye, obstruction of the nose, and constant desire to spit,[11].—Headache in frontal region after walking,[6].—Sharp aching pain in left parietal region,[6].—Sharp throbbing pain in right orbital region extending to the eye,[6].—Nervous headache, with fever and nausea after eating,[6].—Dull heavy nervous headache and dizziness,[6].—[**40.**] Hard dull feeling in the head,[6].—Seemed as though straining at stool would take off his head,[1].—After a restless night woke with a dull heavy headache in the temples, lasting till afternoon, and accompanied with sleepiness and irritability,[2].—Dull headache, on rising, passing off after breakfast,[2].—Dull headache before dinner, relieved by eating,[2].—Dull headache before supper, better after eating,[2].—Dull headache, worse after supper, with red face; severe chills on moving, nausea, and sleepiness,[2].—Slight headache before breakfast, relieved by eating,[2].—Slight headache with drowsiness,[6].—After a dreamy night, the contents of the cranium felt bruised,[13].

Eye.—[**50.**] Sharp pain in eyeball from before backward, worse on turning or moving the eyes,[1].—Eyeballs feel hot and pressed,[1].—People and

things looked ghastly and pale, or saffron-colored, followed by headache, fever, and sore throat,[1].—In the evening, a peculiar dry mist passed over the eyes; after looking at an object for a little time could see it more distinctly, while other objects remained indistinct,[4].—Sleepy irritation in the eyes, in the evening,[7].—All day, a sense of irritation in the left eye, as when the eyes are heavy with sleep, coming and going, not affected by daylight, worse from artificial light, and from closing the eye, with a desire to close it,[7].—In the evening, the right eye began to be affected in the same way as the left,[7].—After using the microscope, considerable irritation in the eyes; feeling as of an eyelash in left eye,[7].—Irritation in the eyes lasting three days,[7].—Slight tendency to lachrymation,[7].—[60.] Lachrymation with headache,[11].—Smarting and dryness of the eyes, on waking in the morning,[12].—Smarting in the eyes through the day when looking steadily,[12].—While reading fine print, burning in the eyes,[7].—Eyes dull and glassy during fever,[1].—Spasmodic twitching at the outer angle of the left eye,[6].—Place over left eye, about an inch long, fiery red, without sensation,[1].

Ears.—Throbbing in the ears, in the evening,[2].

Nose.—Increase of catarrh from the nose,[1].—Discharge of green and bloody matter from the nose,[1].—[70.] Sudden and violent attack of sneezing, several times in succession,[4].—Very disagreeable tingling irritation high up in the nasal passages, like an urgent desire to sneeze, but without sneezing,[4].—When sneezing, seems as though he would tear himself in pieces, wrenching the abdomen, followed by pain and soreness there,[4].—Obstruction of nose, with thin watery discharge,[4].—Feeling of slight cold in the head, with some obstruction of the nose,[12].—Sensation of weight across the nose and cheeks while lying on the back, relieved by turning the head to one side,[12].—Obstruction of the nose,[12].—Stoppage of left nostril, frequent sneezing; running of the nose, discharge thin and yellowish,[6].—Nose obstructed in the morning,[1].—Watery discharge from the nose, with weakness and thirst,[6].

Face.—Place over left eye, about an inch long, fiery red, without sensation,[1].—[80.] Pressure across the nose and cheeks when lying on the back, relieved by turning the head to one side,[12].—Cervical glands below the angle of the jaw very sensitive to pressure,[7].—Skin sallow,[8].—Lips dry and parched,[12].—Lips dry,[1].—Dryness of the lips, with headache,[8].

Mouth.—Pain in right upper molar teeth,[3].—When firmly pressing the teeth together a sharp pressing pain was felt in the right temple,[5].—Smell from the mouth very offensive, as from fever,[1].—Tongue pale, coated yellowish-white on back part, moist, pale, and clean on the edges; papillæ on the tip elevated and reddened,[8].—Soreness of small spot on tip of tongue,[4].—[90.] Tongue moist, with fever and sore throat,[1].—Tongue coated white,[1].—Tongue red, papillæ raised and blood-red,[1].—Small pimple inside, on right side of tongue, sore to touch or motion; all gone the next day,[9].—Dryness of the mouth with headache and hot palms,[8].—Mouth full of water, with dry sore throat,[1].—Bad taste in mouth on waking,[12].—Mouth tastes flat and nasty (with fever),[1].

Throat.—Uvula became swollen to the size of a chestnut,[1].—[100.] Throat reddened, uvula enlarged, and back part of pharynx covered with thick yellow mucus; a band half an inch wide, thicker at the upper part, extends up and down as far as can be seen; the mucus is very tough, can be moved but not removed by the probe,[1].—The mucus became thicker and could be picked away with forceps the next day,[1].—Mucus could neither be hawked up nor swallowed,[1].—Destructive ulceration of the uvula, soft

palate, and tonsils, with thick yellow secretion in the ulcers,°.—On waking, hoarseness, inflammation, and redness of the fauces, worse on first rising, better after eating,[6].—Hoarseness and difficulty of swallowing,[6].—Throat sore on the right side,[1].—Sore throat, felt when swallowing saliva, and slight raw full feeling,[7].—Throat more sore in the evening,[7].—Throat sore many days,[1].—[110.] Dry throbbing stinging soreness of the throat,[1].—Swallowing painful on account of dryness, although mouth was full of water,[1].—Throat relieved by eating, or by drinking cold water,[1].—Dryness of throat on inspiring,[1].

Stomach.—After eating lobster, at noon, taste of iodide of potash all the afternoon, in the open air; all through the proving; never before or since,[9].—No appetite; can eat, but no relish for food,[8].—Much thirst, but too weak to go and get water,[1].—Thirst, with coryza and weakness,[6].—Faint feeling before meals, and unusual appetite,[2].—Nausea, with headache, and fever after eating; all better out of doors,[6].—[120.] After retiring at night, nausea, with dizziness, and pains in the liver,[3].—During breakfast, sudden nausea and loss of appetite; obliged to leave the table; later, in forenoon, hungry,[4].—**Nausea, with headaches*,°.—Nausea and faintness at 11 A.M.,[4].—Eructations, with stitches in the liver,[3].—Fulness and pressure at the stomach, with soreness,[3].—Eructations, with dizzy, disagreeable sensation on rising from a seat,[3].—Nausea and faintness on rising,[12].

Abdomen.—Stitches in the liver,[3].—Stitches through the lower portion of the liver,[3].—[130.] Colic disappeared,°[6].—Abdomen sensitive when laughing,[4].—Sneezing causes pain in the abdomen,[4].—Slight pain in the bowels,[4].—Nausea and faintness at 11 A.M., felt mostly in umbilical region,[4].—Moderate pain in left side of limbs, relieved by lying on the stomach,[7].—Transient, rather sharp griping pain in left lower part of abdomen,[7].—Colic in the lower part of the abdomen from the umbilicus downward,[8].—Feeling as if diarrhœa would set in, with sore, sharp, continued pain around and below the umbilicus,[8].—Pain in lower part of the abdomen,[8].—[140.] Sensation of impending looseness of the bowels,[7].—Uneasy feeling in the bowels before pappy stool,[7].—Pressing as far as the navel, with diarrhœa,[14].

Stools.—Sensation of impending looseness,[7].—Pasty stool, brownish-yellow, very fetid, with particles of undigested food, preceded by colic below the umbilicus,[8].—Involuntary slight stool when urinating, after the colic,[8].—Pain in bowels, followed by dark pappy stool,[7].—Small hard stool, followed later by uneasy feeling in bowels and pappy stool,[7].—Diarrhœa,[14].—Diarrhœa, with pressing as far as the navel,[14].—[150.] Diarrhœa, with headache on the right side,[14].—Hard stool, with blood, and violent pain in the head when straining,[1].—Burning in the anus and rectum after stool,[5].—After stool, burning, tenesmus, and pain in the anus,[5].

Urinary Organs.—When urinating, loss of power over sphincter ani, and a small portion of fæces escaped,[8].—Urine flows away without any effort,[8].—Woke at midnight with urgent desire to urinate,[3].—Urine which had stood over night had a reddish pellicle on it, with a reddish deposit in the bottom of the vessel,[8].—Urine hot and high-colored, with fever,[1].—No appreciable change in the urine, as shown by an observation of every evacuation, time of day, amount, reaction, specific gravity, and microscopical appearance, for some time before and during the proving,[7].—[160.] Urine at 4 P.M. of light straw-color and very thick,[2].

Sexual Organs.—Male. *Increase of sexual desire*,[4].—Two emissions first night, one second night,[4].—Lascivious dreams three nights,[4].—For several months under the influence of repeated doses, the sexual desire

and power was diminished; emission during coition too soon, and thrill deficient,[9].—Itching of glans penis,[4].—***Female.*** Slight pains, as though preceding menstruation,[10].

Respiratory Organs.—Habitual expectoration from the bronchia in the morning is freer, and a little blood appeared in the mucus,[13].—Hoarseness on rising,[6].—Hoarseness, with sore throat,[6].—[**170.**] When lying down, frequent desire to take a deep breath; worse when lying on left side, so that could not sleep on that side,[9].—Craving for air, for a deep inspiration, without any oppression of the chest; worse when lying down; much worse when lying on the left side; better when lying on the back; yielding to the desire for deep breathing increases it; breathing gently and regularly relieves it,[9].

Chest.—Dull pain in left pectoral region disappeared,°[12].—Severe pain behind the lower right portion of the sternum,[3].—Dull pain in left axilla,[1].—Sharp pains through upper part of chest,[1].

Neck and Back.—Continuous pressing pain for some minutes in the upper scapular region; after sitting still for some time, considerable stiffness, and sharp pressing pain across the shoulders on beginning to move,[7].—Drawing through side of head and neck to clavicle, first on the right side, next day on the left,[12].—After sitting awhile, much stiffness under lower angles of both scapulæ on moving the body,[7].—Rheumatic drawing sensation across the shoulders up to the head, afterwards more in left side; worse from any jerking motion in riding or in turning over in bed, from extreme flexure or rotation of the head, and mornings and evenings,[7].—Dull pain under right shoulder-blade,[2].—[**180.**] Pressure around point of left shoulder, as if firmly grasped, while sitting, relieved by motion of the arm,[7].—Pain worse when standing, riding, or stretching the part,[2].—Stiffness of neck and shoulders continued two months,[7].—*Stiffness of neck and shoulders.—Neck stiff,[1].—Dull aching pain in the back and lumbar regions,[5].—Aching lameness in the back,[5].—Severe backache,[1].—Aching of the back in the morning, as if it had lain unsupported,[7].

Superior Extremities.—Hands and arms tremble,[13].—[**190.**] Pains in the left arm, as if he had struck himself, from the elbow down into the fingers, for two days,[14].—Drawing in the left arm from the elbow down into the fingers,[14].—Painful pressure in left shoulder and arm, with twinges of pain, relieved by pressure,[7].

Lower Extremities.—Tired feeling, especially in the lower extremities,[8].—Less weariness of the limbs than usual,°[7].—The aching in the back passed down the next morning into the legs and feet,[7].—Suddenly, when sitting, a narrow streak of severe pressing pain in back of left thigh,[7].—Severe pain and lameness in muscles of lower portion of right leg,[3].—While walking, drawing, strained feeling of muscles of inside of right thigh,[2].—Peculiar hot tingling in the legs,[2].—[**200.**] Dull boring pain in left great toe-joint, almost unbearable, must move the foot to relieve it, for three evenings, from 8 to 9 P.M.,[2].—The legs from the knees downward, including the whole foot, feel quite heavy, as if loaded,[13].—Decided feeling of weakness, and tremor of the thighs and knees, after a short walk,[14].

General Symptoms.—Felt as though he were twice his natural size, during fever,[1].—Frequent pressing pains here and there all over the body,[7].—Less fatigue and faintness than usual on being obliged to walk at an early hour in the morning,°[7].—Tired feeling,[8].

Inferior Extremities.—Restlessness in the legs at 3.30 A.M. till morning,[12].—Decided feeling of weakness and tremor of thighs after a short

walk,[13].—Felt very weak, especially on walking.—Indium brought back symptoms in two cases which had long before been cured with Sulphur,[1 4]. —[210.] Bryonia antidotes many symptoms of Indium,[1 12].

Sleep and Dreams.—Almost constant inclination to stretch,[1].—Sleepy and irritable with the headache,[2].—Sleepy in the evening, obliged to retire early, with headache and nausea,[2].—Very sleepy from 4 to 6 P.M.,[12].—Drowsiness on sitting in a warm room; cannot keep awake,[6].—Great sleepiness during the afternoon,[12].—Great and unusual sleepiness mornings,[4].—Sound sleep until long after usual hour,[4].—**Sleepiness, with headache* and nausea.—[220.] Wakes at 3.30 A.M., with great restlessness, especially in the legs, preventing further sleep,[12].—Awoke between 3 and 4 for four mornings in succession, the last time with vertigo, worse on turning the head on the pillow, much worse on rising,[12].—Vivid dreams of that which had most occupied his mind during the day,[13].—Troubled sleep and constant dreams of annoying accidents, of being in foreign countries,[3].—Awoke quite early not refreshed,[3].—Sleep constantly disturbed by dreams of foreign travel, chased by mad bulls, lost in mountains; when chased made desperate efforts to run, but could only walk at a slow pace,[3].—On account of difficulty of breathing obliged to lie on the back, which caused severe nightmare,[9].—Great and fruitless efforts to escape impending danger during sleep,[3].—Lascivious dreams,[4].

Fever. Sensitive to cold,[6].—[230.] High fever with chilliness on moving, great weakness, sore throat, thirst, stretching, bad odor, violent backache and headache,[1].—Hot tingling in the legs,[2].—Easy perspirations,[1].—After eating, fever and nausea,[6].—Fever better out of doors,[6].

Conditions.—**Aggravation.**—(*Morning*), On waking, headache in forehead; on waking, smarting, etc., in eyes; obstruction of nose; on waking, bad taste; on first rising, hoarseness; stiffness in angles of scapulæ; aching of back.—(*Afternoon*), Headache.—(*Evening*), Headache; throbbing in ears; sore throat; stiffness in angles of scapulæ.—(*Night*), Headache.—(*Closing eye*), Irritation in eye.—(*When firmly closing teeth*), Pain in temple.—(*After eating*), Fever, etc.; dull headache; nausea, etc.—(*Artificial light*), Irritation in eye.—(*Looking steadily*), Smarting in eyes.—(*Lying down*), Especially on left side, craving for air.—(*Motion*), Headache; pains through chest.—(*Reading*), Mental dulness.—(*Reading fine print*), Burning in eyes.—(*Deep respiration*), Craving for air.—(*Rising*), Nausea, etc.—(*Rising from bed*), Vertigo.—(*Rising from seat*), Sensation in head.—(*Sitting*), Pressure around shoulder-joint.—(*Stooping*), When sitting, sensation of vertigo, etc., in front part of head; feeling of fulness in head.—(*Turning head on pillow*), Vertigo.—(*Walking*), Frontal headache; feeling of weakness.

Amelioration.—(*Open air*), Nausea, etc.; fever.—(*Drinking cold water*), Sore throat.—(*Eating*), Headache; hoarseness, etc.; sore throat.—(*Lying on back*), Craving for air.—(*Lying on stomach*), Pain in left side of bowels.—(*Moving arm*), Pressure around shoulder-joint.—(*Pressure*), Headache; pressure in shoulder.—(*Gentle and regular respiration*), Craving for air.—(*Turning head to one side*), Sensation of weight across nose, etc.

INULA.

Inula helenium, Linn.

Natural order, Compositæ. *Common names*, Elecampane; (Germ.) Alant.

Preparation, Tincture of the root.

Authority. Dr. Fischer, Prag. Med. Monatsschrift, 12, p. 170; proving with the juice of the root.

Mind.—The former peevishness changed, from a slight cause, to a joyous mood and good humor (second day).

Head.—Confusion of the whole head, with nausea rising from the stomach, in the evening (first day).—Vertigo, on stooping (after three hours).—Rush of blood to the head causes sleeplessness for two nights.—Tearing, throbbing pain in the forehead and whole top of the head, after eating (second day).—Burrowing headache in the left temple, in a spot as large as a thaler, in the evening (first day).—Headache in the right side, afterwards in the left (second day).—Sticking headache in the right side (second day).—Jerking, tearing pain in the occiput, afterwards extending to the left side of the occiput, towards the ear.

Eye.—[10.] Twitching in both upper lids, momentary, so that she was obliged to press the eyes together (after eight hours).—Burning in the left eyeball (after twenty-one hours).—Swimming before the eyes, and pressure in the temples and forehead.

Ear.—Dull stitches in the left ear, with transient sticking above the right eyebrow, in the evening (first day).

Nose.—Stitches in the right side of the middle of the nose (after four hours).—Sticking crawling in the root of the nose, extending to the eyebrows, lasting several minutes (twentieth day).

Face.—Left side of the face red and hot, a white spot near the nose (eighth hour).

Mouth.—Teeth. Pain in all the hollow teeth, at times through the whole proving, alternately coming and going for twenty-six days, mostly at night when waking, not only in the teeth but also in the gum.—Very transient, violent boring in the first left hollow back teeth, in the evening (second day).—Itching, throbbing, hammering in the left upper and lower jaw, in two hollow back teeth, every night about 11 o'clock (from eighth to thirty-third day).—***General Mouth.*** [20.] Dryness of the mouth (in two provers), (after a quarter of an hour).—Dryness of the mouth, with scraping and tickling in the throat, so that swallowing was difficult; nausea in the stomach, at 7 A.M. (second day).—***Taste.*** Taste as of violet root in the mouth (after two hours).

Throat.—On swallowing, pain in the throat, which seems swollen, lasting through the night till morning.—Tickling in the throat causing constant cough (thirteenth and fourteenth days).

Stomach.—(Her usual nausea in the morning, coming from the stomach, disappeared), (after second day).—Twisting as with a ball in the epigastric region, above the umbilicus.—Sticking pain in the epigastric region (after six hours).

Abdomen.—Hypochondria. Violent motion internally beneath the right hypochondrium, as though something living were moving about, during menstruation (after eighteen days).—***Umbilical.*** Sticking as with two pins to the right of the umbilicus (after three hours).—***General Abdomen.*** [30.] A feeling in the abdomen as though menstruation would occur (seven days after menstruation), (after twenty-four days).—Movings about the abdomen as if menstruation would occur (ten days after menstruation).—Movings about in the abdomen, as at the appearance of menstruation, followed by yellowish leucorrhœa (fifth day).—Rumbling in the abdomen (in two provers), (after half an hour).—Rumbling and fermentation in the abdomen, immediately.—Pain in the abdomen with very profuse leucorrhœa,

colored like whey, and slimy.—Tensive pain, sometimes intermitting, on the right side of the abdomen, especially in the ligaments (after eight hours).—Tensive pain in the abdomen, especially in the right loin, and also over the whole external pubic region, especially when walking about (after six hours).—Tensive pain in the abdomen followed by discharge of yellowish mucus from the vagina (after three hours).—Griping and rumbling in the abdomen.—[40.] Griping in the abdomen, with ineffectual urging to stool (twenty-ninth day).—***Hypogastrium.*** Sticking pain in a small spot as large as a thaler, between the umbilicus and right groin, as from a knife, lasting two days (after thirteen days).—Stitches in the left side of the abdomen, towards the left groin (after fourteen days).—A stitch in the region of the right groin, extending to the umbilicus, on every step.

Rectum and Anus.—*Pressing dragging towards the rectum and genitals, as in labor; as if a substance would come out, occurring repeatedly* (from two to thirty days).—Urging to stool, with cutting pain, not followed by stool (after twenty-three days).—Urging to stool, followed by a large pasty stool with griping about the umbilicus, in the evening (second day).

Stool.—Diarrhœa for two days and one night.—Stools small, numerous, burning, with urging, very unusual (after twenty-four days).—Stool yellow, pasty, scanty, like an infant's, with urging, without pain (twenty-first day).—[50.] Stools hard, was obliged to press them out (twenty-fourth day).

Urinary Organs.—Urging to urinate ten times in one hour; the urine passes by drops (second day).—The urine smells of violets.

Sexual Organs.—*Pain in the uterus, with pain in the small of the back, very violent, with pressure as in labor; urging to stool, which she dreads; she is obliged to remain lying.*—Stitching in the region of the uterus (after five hours).—Stitches in the uterus as with a fork, lasting several minutes, in the evening (after nine hours, first day).—*Dragging in the genitals, with more violent backache than she had ever had before* (in an unmarried girl), (second day).—Stitches at times in the pudenda (twenty-ninth day).—Three stitches in succession in the genitals (second and sixth days).—Menstruation five days too early (after sixteen days).—[60.] Menstruation five days too early, preceded by colic for three days; everything in the abdomen is gathered into a lump (in two female provers), (after thirty-five days).—Menstruation three to six days too early, with colic, especially at night.—Menstruation three days too early, preceded by pain for two days.—Menstruation delayed one day (after twelve days).—Paroxysmal clotted discharge during the first days of menstruation.

Respiratory Organs.—A child was attacked with cough (second day).—Dry cough, with constant tickling in the pit of the throat, difficult breathing, and a sensation as though hoarseness would occur (after two days).

Chest.—Pain below the right ribs, with heat of the right cheek (after nine days).—Stitches beneath the left, seventh, and eighth ribs, lasting half an hour (after one hour and a half).—Throbbing, jerking pain, as from suppuration, in the middle of the chest (second day).—[70.] Transient stitches behind the sternum, aggravated by motion (after four hours).—Pain in the right side of the chest, especially towards the shoulder, during menstruation (after twenty days).—Pain in the nipple (after eight days).

Back.—Pain through the back and chest, on inspiration (after five hours).—Violent backache during menstruation, excessive anxiety with trembling of the whole body, and chattering of the teeth from cold (after

sixteen days).—Transient pain in the right scapula (after five hours).—Pain in the small of the back (after sixth and twenty-fourth days).—Sticking pain in part of both loins, as if menstruation would occur (six days after menstruation), (after twenty-fourth day).

Superior Extremities.—Pain in the right shoulder (in two provers), (after six hours).—Stitches in the right shoulder-joint (after one hour and a half).—[80.] Tearing in the right shoulder and alternately in the right wrist.—Pain like a tearing and like a cramp in the tip of the left shoulder, in the scaleni muscles on the left side of the neck, like a cramp or as if pulled by pincers.—Tearing jerking in the right arm, mostly in the deltoid (twenty-eighth day).—The upper arm as far as the elbow falls asleep (first day).—The right upper arm falls asleep, raising the arm is difficult (after nineteen hours).—Falling asleep of the left upper arm like formication (first day).—Tearing in the palm of the left hand, so that it makes the fingers stiff and she is unable to double them up; pressure relieves the pain (second day).—Fine stitches in the index finger (after six days).—Tearing in the right little finger, the finger seems dead (after twenty-four days).

Inferior Extremities.—Tensive drawing in the hips extending to the nates (second day).—[90.] Sticking in the right hip, extending through to the right groin (second day).—Stitches in the thighs (after two hours).—Spasmodic sticking pain beneath the bend of the right knee, with heat of the face and chilliness of the body (first day).—Cramp in the calves, at night in sleep.—Drawing pain, beginning in the forepart of the right leg, extending from the knee up to the right groin and ending behind the arch of the pubis.—Stitches in the left ankle, when walking, as if sprained (after eight days).—Sharp stitches in the left side of the left malleolus, transient (after fifty-four hours).—Stitches, as with needles, in the right heel (ninth day).—Sticking pain in the two middle toes of the right foot, extending to the middle of the sole, afterwards in the heel, lasting two days.

General Symptoms.—Sensation as though some one were poking him with the finger, in various parts of the body, especially in the diaphragm, which was so painful that he awoke and was obliged to clench his teeth.

Skin.—[100.] Itching, as from fleas, here and there.—Violent itching on the lower limbs, during menstruation, with burning after scratching, in bed (sixteenth day).

Sleep and Dreams.—Sleeplessness, starting and crying out in sleep; restless and anxious sleep only towards morning (in a child of two years).—Sleep bad, with a feeling in the morning as if the head were confused.—Lascivious dreams (twentieth day).—Disgusting dreams, in the morning (second day).

Fever.—Coldness; shaking in bed, as in the paroxysms of fever, with cold blue hands and nails, and without heat, thirst and sweat.—Transient flushing of heat in the face (twenty-third day).—Glowing heat of the left cheek (after six hours).

Conditions.—**Aggravation.**—(*Night*), About 11 o'clock, itching, etc., in back teeth; colic.—(*After eating*), Pain in forehead, etc.—(*Inspiration*), Pain through back, etc.—(*Motion*), Pain in chest.—(*When walking about*), Pain in abdomen.

Amelioration.—(*Pressure*), Tearing in hand.

IODOFORMUM.

Iodoform, CHI_3

Preparation, Triturations (pure crystals soluble, 1 part to 80 of Alcohol).

Authorities. **1**, Dr. B. F. Underwood, effects of inhalation during the process of trituration, Trans. N. Y. State Hom. Med. Soc., 9, 237; **1***a*, same, proving with 1 gr. of 2d cent. trit., repeated after two hours; **1** *b*, same, effect of one drop of 3d potency; **2**, Dr. J. W. Haines, Ohio M. and S. Rep. X, p. 175, proving with 2d and 3d dec. dils. in J. H., aged 24; **3**, same, proving by J. D. aged 65, with 1st, 2d, and 3d dec. trits.*

Mind.—Feels quite happy and elated (second and third day),[3].

Head.—Confusion. Confusion in the head, with slight nausea,[1b].—Head feels as if he had been intoxicated the day previous (after one hour, second day) and (third day),[3].—***General Head.*** Heavy feeling in the head, and a dull aching just in the top of the head (three hours after second dose, first day),[2].—Head feels heavy when endeavoring to rise (second and third day),[3].—Head felt very heavy, as if he could not lift it from the pillow (eight hours and a half after second dose, first night); still felt heavy, aching now and then, pain felt as if in the bones of the skull and mainly on the left side, after awakening (second morning),[2].—Headache on awakening,[1a].—Stitching pains in the head,[1a].—***Forehead.*** Dull pains in the forehead,[1].—[**10.**] Dull pain in forehead, with shooting in the right ear; worse on coming down stairs,[1b].—Sharp neuralgic pains in the forehead, worse when stooping,[1].—***Temples.*** Dull pressing pain in both temples, following the pain in the right maxillary bone; temples felt as if something heavy were pressing on them (two hours and twenty minutes after first dose, first day),[2].—Sharp neuralgic pain in the temples, most on the right side, extending to the back of the head, behind the ears; (these pains seem to define the course of the nerves wherever they are felt),[1].—Stitches in the temples,[1a].—***Parietals.*** Stitch-pain in the right side of head,[1a].—***Occiput.*** Violent itching of the occiput,[1a].

Eye.—Eyes bloodshot (with pain in eyes),[1a].—Pain in the eyes; eyes bloodshot,[1a].—Right eye felt sore and as if bruised (second morning),[2].—[**20.**] Eyes smart and burn, but no appearance of any congestion (second and third day),[3].—Eyes smarting and stinging (six hours after first dose, first day),[3].—***Vision.*** Eyes sensitive to light (second and third day),[3].—Objects appear tessellated, red (disappeared after rising),[1a].—The longest continued, and the last to disappear, were the eye symptoms and the peculiar odor,[3].

Ear.—Ears feel dry and feverish (after first dose, first day),[3].—Ears feel full, dry, and feverish (after one hour, second and third day),[3].—After stitches leave the ear, the ear feels too full (after first dose, first day),[3].—Neuralgic pain in the left ear,[1a].—Stitches in the right ear,[1]; (six hours after first dose, first day),[3].—[**30.**] Shooting in right ear (with dull pain in

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* Has suffered for twelve years with rheumatism in all his joints; complains very much of his right femur paining him severely, and feeling sore to the touch, just over the neck of the bone; had had a cough for ten months, which troubles him mainly in the morning, becoming harsh and dry towards evening; the sputa raised is a tough green substance and comes up rather easily; towards evening he raises a white frothy sputa when any is raised; is of a somewhat peevish disposition and quite uneasy and restless at times.

forehead),[1b].—Hearing dull (six hours after first dose, first day); does not hear unless spoken to quite loudly (after one hour, second day),[3].

Nose.—Nose dry, and he complains that he cannot get any discharge from it (second and third day),[3].—Membrane of nose feels full and dry; keeps constantly snuffing, yet no discharge from the nose (after first dose, first day),[3].—***Smell.*** From the time of taking first dose (11 A.M.) till evening, he had a sensation as of smelling the fumes of Iodine, though none had been about him (first day),[2].—A peculiar smell, like the odor arising from decaying leaves in a swamp, continuing for eight or nine days (after first dose),[3].—The longest continued, and the last to disappear, were the peculiar odor and the eye symptoms,[3].

Face.—Dull pain in right malar bone,[1a].—Dull pain in left malar bone,[1a].—Drawing and pressing in the malar bone,[1b].—[**40.**] Feeling of stiffness in zygomatic muscles,[1a].—Slight pain in zygomatic muscles, increased by motion and bending forward,[1a].—Dryness and stinging of the lips,[1].—Dull aching, increasing to a heavy pain like something pressing heavily in the right lower maxillary bone, lasting twenty minutes (two hours after first dose, first day),[2].

Mouth.—Teeth. Toothache in sound teeth,[1].—Toothache; pain leaving the teeth and going quickly to the temples, during the afternoon (first day),[3].—*Toothache in decayed teeth*, most in the upper jaw, and on the right side (these pains come and go quickly),[1].—Sharp pain in the upper teeth, both sides,[1a].—***Taste.*** Metallic taste in the mouth (second and third day),[3]; continuing most of the day (second day),[2].

Throat.—Dryness of throat and lips (first and second days),[3].—[**50.**] Dryness of the throat, with rawness on swallowing,[1].—Dryness of the throat, with bitter taste,[1].—Stitch-pain in the right side of the throat,[1].

Stomach.—*Nausea*,[1].—Slight nausea at times (second and third day),[3]; (with confusion in the head),[1b].

Abdomen.—Rumbling in the bowels,[1]; (second and third days),[3].—Feeling of warmth in the bowels and rectum, with slight nausea and desire for stool; (this has been repeated on four different occasions),[1].—*Cutting pain in the bowels*,[1a].—Flatulent colic,[1 1a].—***Iliac Region.*** Sharp pain in the right inguinal region,[1a].—[**60.**] Sharp cutting in right inguinal region, with desire for stool,[1b].—Teeth feel sore and as if too long (second day),[2].—Sore pain in right inguinal region,[1].

Rectum and Anus.—Desire for stool (with cutting in right inguinal region),[1b].—Desire as for a liquid stool,[1a].

Stool.—Bowels have not been moved for thirty-six hours (second day),[3].—Bowels not moved as usual; anus felt as if drawn up into the rectum (first day),[2].

Urinary Organs.—Urine very yellow,[1a].—Urine very yellow and smelling like saffron tea (second and third days),[3].

Respiratory Organs.—Cough and Expectoration. Cough from dryness of the throat,[1].—[**70.**] Cough and wheezing from mucus in the throat, on going to bed,[1a].—(Coughs less and raises easily), (after one hour, second day),[3].—(Sputa less in amount), (after one hour, second day),[3].—***Respiration.*** Felt as though he were smothering; room felt too close although freely ventilated (eight hours and a half after second dose, first night),[2].

Chest.—Felt as if something heavy were resting on the chest, preventing a free expansion of the chest; this sensation lasted half an hour, gradually becoming less intense, and as it did so appeared to diffuse itself in the

extremities again (nine hours after second dose, first night),[2].—Pain in the left chest,[1].—Sharp pain in the right chest,[1a].—Stitch in right chest, running through to lower angle of shoulder-blade,[1a].—Chest feels sore when taking a long breath (second and third day),[3].—Dull sore pain in apex of right lung; on breathing the lung felt as though two ulcerated surfaces were in contact (four hours and a half after first dose, first day),[2].—[80.] Both lungs feel as if a heavy cold had been taken and had settled there (after nine hours, second day); the soreness in the lungs lasted two days after this,[2].—Pain concentrated in left breast, very severe; it was estimated a little to the right of the nipple; at first felt as if a deep ulcer had formed there, then became like a hand grasping the base of the heart (nine hours after second dose, first night); aching in left breast at times, but not severe as during the night (second day),[2].

Heart and Pulse.—Occasional stitches through the heart (second and third day),[3].—Pulse 88 (nine hours after second dose, first night),[2].

Neck and Back.—Back of the neck sore as if bruised (second and third day),[3].—Pain in the back along the spine,[1].—Spine feels sore, does not wish it touched (second and third day),[3].—Sharp pain in the angle of shoulder-blade,[1a].—Pain along the right side of dorsal vertebræ,[1a].—Continued pains in the lumbar region, with weakness when straining,[1a].

Extremities in General.—[90.] Left arm pained severely, also left leg, particularly at the lower half of tibia and fibula, then extending into foot, becoming less in half an hour (eight hours and a half after second dose, first night),[2].—Left arm and leg pain as if bruised; as pain increases the muscles feel as if ulcerated (second day),[2].

Superior Extremities.—Pain in the course of the median nerve of left arm,[1].—Rheumatic pain in right arm,[1a].—*Rheumatic pain in the right arm, worse when using it*,[1].—Sharp pains in nerves of left arm and back,[1b].—Pain in left arm as if bruised, worse when touched, in the morning,[1].—Stitches in the left shoulder,[1].—Severe aching in the left humerus; muscles around the bone felt as if severely bruised (four hours after first dose, first day),[2].—Stitching pain in left arm and shoulder (after two hours, third day),[3].—[100.] Pain in left elbow,[1].—Pain in the nerves of the left hand,[1].—Sharp pain in the nerves of the left hand,[1a].

Inferior Extremities.—Rheumatism in the flexor muscles of the legs,[1a].—***Thigh.*** Pain along the course of the left crural nerve,[1].—***Knee.*** Weakness of the knees when going upstairs,[1a].—Weakness and pain in the knees, worse when standing,[1a].—Pain in the inside of knees,[1a].—Neuralgic pain in left knee,[1].—***Leg.*** Rheumatic pain in both gastrocnemii,[1a].—***Ankle.*** [110.] Cutting pain in left ankle, when walking in the open air,[1a].—***Foot.*** Pain in left foot, worse when walking,[1a].—Stitch-pain in right instep,[1a].

General Symptoms.—Objective. Jerks and shocks in the nerves when trying to sleep,[1b].—(Is stronger than he has been for some days, yet will not get up out of bed), (after one hour, second day),[3].—***Subjective.*** Susceptible to the heat of the weather,[1b].—Will not take any more of the medicine, as he says it makes him feel so strangely (third day),[3].—Feeling of faintness,[1b].—Thinks he has taken a bad cold (first day),[3].—Fine sharp pains all over,[1].—[120.] Pain seems to sharply define the course of the nerves,[1a].—Neuralgic pains in various parts of the body,[1a].—Neuralgic pains flying all over him at times, for three days (after two days),[2].—Pains renewed in bed; right side of head, right shoulder, right arm, hand, fingers, thigh, leg, foot, toes,[1a].—Pains renewed when riding in the cars,[1a].

Sleep and Dreams.—Very drowsy, and remained so for two hours (after two hours, second day),[2].—Wakefulness,[1b].—Restless sleep, tossing, turning, full of dreams,[1a].—Sleep restless, and the night spent in turning from side to side; more restless after 2 A.M. (second night),[3].—Slept soundly until 1.30 A.M., then awakened suddenly; restless and unable to sleep any more till 4.30; then slept about an hour and a half, being partially conscious, and then followed a deep heavy sleep; on awakening it seemed as though he could not get aroused (first night),[2].—[**130.**] Dreams, confused, of accident, etc.,[1a].

Fever.—Chilliness. Shuddering after urination, which had disappeared after use of remedies, returned,[1a].—***Heat.*** Complains of heat, keeps laying the covers off of the bed (first night),[3].—***Sweat.*** Perspire easily from motion,[1].—Perspiration on head,[1b].

Conditions.—**Aggravation.**—(*When walking in open air*), Pain in ankle.—(*Descending stairs*), Pain in forehead, etc.—(*Motion*), Pain in zygomatic muscles.—(*When riding in cars*), Pains renewed.—(*Standing*), Weakness, etc., in knees.—(*Stooping*), Pains in forehead; pain in zygomatic muscles.—(*Thinking of them*), The pains.—(*Touching*), The pains.—(*Walking*), Pain in foot.

Amelioration.—(*Sleep*), The symptoms.

IODUM.

The element, Iodine.

Preparation, Tincture (or triturations, Hahnemann).

Authorities.† **1**, Hahnemann, from Chr. Kr., 3, 378; **2**, v. Gersdorff, ibid.; **3**, Gross, ibid.; **4**, Schreter, ibid.; (5 *to* 10 *Jorg's provings with tincture*, consisting of 38 grains to the ounce); **5**, Heisterberg took 5 to 9 drop doses; **6**, Kneschke, took 1 to 6 drop doses; **7**, Otto, took 1 to 15 drop doses; **8**, Seyfert took 4 to 18 drop doses; **9**, Siebenhaar took 3 to 10 drop doses; **10**, Joerg took 4 to 8 drop doses; **11**, Hering, effect of 5 drops ($\frac{1}{4}$ grain) and 10 drops ($\frac{1}{2}$ grain), Archiv. f. Hom. Heilk., 13, 2, 182; **12**, Macfarlan, Raue's Record, Hom. Lit., 1871, p. 7, effects of the 17^{m} dil. (Fincke), given in water for two or three days, produced in all provers; **13**, Robinson, a man took $\frac{1}{3}$ drop, three times a day, Br. J. of Hom., 25, p. 324; **14**, C. Mohr, Jr., M.D., proving with 50th dil., Thesis Hahn. Med. Col. of Phil., 1875 (Am. J. of Hom. M. M., 8, p. 378); **15**, Gairdner, Essay on Iodine (from Hahnemann, revised by Hughes); **16**, Formey, Hufeland's Journ., 1822, a young man took tincture a long time for goitre, which it cured, but caused as follows; **17**, same, effects of 30 drops of tincture daily; **18**, Muhrbeck, Hufeland's Journ., 1822, effects of 10 to 18 drops of tincture, three or four times a day, in a girl of thirteen, with hard swollen glands in left side of neck; **19**, Rœchling, Rust's Mag., 1823, effects of long-continued use of Iodine; **20**, Vogel, Rust's Mag., 1823, effects of tincture, 4 drops, morning and evening, for eight days, afterwards 8 drop doses, in a woman, aged twenty-eight, suffering from goitre, which Iod. did not cure; **21**, Schmidt, Hufeland's Journ.,

† None of Hahnemann's quoted authorities are admitted, in accordance both with the strong advice of Dr. Hering, and the character of the references as pointed out by Dr. Hughes; a few of those referred to by Hahnemann have been obtained from Frank's Magazine, or from original sources.

1824, effects of tincture in a girl of twenty-four, with goitre; also in a girl of twenty-eight, with goitre; **22,** Suttinger, Rust's Mag., 1824, effects of tincture, used constantly for several months, in a girl of twenty, with goitre; **23,** Naumann, Hufeland's Journ., 1823 (vol. 55), effects of tincture in a woman of thirty-four, with goitre; **24,** Schmidt, Hufeland's Journ., 52, effects of large doses of tincture; **25,** Montcourier, Journ. de Chim. Med., May, 1828 (Rev. d. l. M. M. Hom., 5, 13), poisoning of a lady by 2½ drs. of tincture; **26,** Chevallier, Rec. Period., 1828, effects of the vapor on workers in a factory; **27,** Jahn, Horn's Archiv, 1829, effects of tincture in men suffering from goitre; **27** *a*, same, general effects, Archiv. de Med., 1830; **28,** Boston Med. and Surg. Journ., vol. 2, p. 69, effects of tincture, applied to a chronic rheumatic swelling of elbow; **29,** Bardsley, general effects, Boston Med. and Surg. J., 4, 341; **30,** Rivers, Am. J. Med. Sc., 1831, p. 546, effects in women using tincture for goitre; **31,** Am. J. Med. Sc., 5, p. 500 (La Clinique), effects of 6 to 10 drops of tincture daily in a young man aged eighteen; **32,** Hubbard, Boston Med. and Surg. Jour., 12, 266, effects of 25 to 40 drops of tincture, three or four times a day; **33,** Reichman, Hempel's Mat. Med., 1, 548, effects on a woman of twenty-six, of tincture used for six months; **34,** Wallace, ibid., effects of continued use; **35,** Hempel's Mat. Med., 1, 548, a woman took tincture to remove obesity (6 drops, three times a day, afterward 30 drops daily for eight weeks; in all 2 ounces); **36,** Zinck, N. Eng. J., 1825 (Lond. Med. Repository), effects of incautious use of Iod.; **37,** Med. Zeit. v. Ver. f. Heilk., 1834 (Frank's Mag., 1, 65), poisoning of an hysterical woman aged thirty-two, suffering from goitre; **38,** Schneider, Hufeland's Journ., 1840, effects of 6 to 10 drop doses of tincture, in a man aged twenty-five; (**39** and **40,** omitted); **41,** Cullerier, Mem. de la Soc. de Chir. de Paris, 1847, a young man took moderate doses for obstinate gonorrhœa; **42,** same, effects in a case of slight urethral discharge; **43,** omitted; **44,** Bucknell, Lancet, 1843, p. 791, effects of application of dilute tincture to a raw surface (raw from nitrate of silver); **45,** Nelaton, Journ. de Chim.-Med., 1854, effects of injecting tincture, with Iodide of Potassium, into the hip of a boy with Pott's disease; **46,** Black, Lancet, 1859, p. 262, effect of injecting 12 ounces of tincture into an ovarian cyst (fluid retained 20 min.); (**47,** omitted); **48,** Stevens, Boston M. and S. Journ., 49, p. 254, Miss ——, inhaled vapor of tincture (in hot water), for loss of voice; **49,** Ricard, effects of 3 drachms of tincture in a young man, from Rilliet, Memoir Sur. l'Iod., 1860; **50,** Rilliet, Memoir Sur. l'Iodisme, Paris, 1860, general effects; **51,** Mannoir, from last work, poisoning of a lady by tincture, 10 drops, first day, rather less the three following days; **52,** Coindet, ibid., general effects; **53,** Baup, ibid.; symptoms developed in a patient; **54,** Coindet fils, ibid., general effects; **55,** D'Espine, ibid., general effects; **56,** Rilliet, ibid., poisoning of a man, aged forty-five, by sea air (Chatin asserts that at the seaside from $\frac{1}{5}$ to $\frac{1}{10}$ milligramme of Iod. is inhaled daily); **57,** same, a lady aged sixty, poisoned by sea air; **58,** same, poisoning of a lady, aged forty, by the waters of Saxon, taken for a month; **59,** same, poisoning of a lady, aged thirty-two, by sea air; **60,** Fox, Lancet, 1867, p. 454, general effects; **61,** Gillespie, Med. Times and Gaz., 1864, effect of saturated tincture applied to enlarged parotid glands; **62,** Bainbridge, Med. Times and Gaz., 1861, a lady, having taken a blue pill at night, took in the morning by mistake, ½ ounce of tincture; large draughts of warm water immediately given till ejecta were no longer tinged by Iod.; **63,** Perussel, effects in a young lady, of tincture, for slight goitre, several drops daily for three months,

Rev. de la M. M. Hom., 5, 14; **64**, Hermann, Petersb. Med. Zeit., 1869 (Hirschel's Kl., 1870, p. 183), effects of 2 ounces of tincture, containing 96 grains, in a man; **65**, Hawk's, Trans. N. Y. St. Hom. Med. Soc., 1868, p. 331; a lady took, for goitre, tincture for two months, beginning with 3 drops three times a day, increasing to 8 drops, and suspending medicine every two weeks; **66**, Foussagrieves, effects of injecting dilute tincture into a traumatic hydrocele (L'Union Med., 1860), Syd. Soc. Y. B., 1861; **67**, Simon, La France Med., May, 1876 (Lond. Med. Rec., June, 1876), effects of applying tincture to tinea favosa in children.

Mind.—Emotional. Excitement, together with unusual heaviness, indolence, and ill-humor,[11].—Excitement in the afternoon; more sleepy than usual, in the evening,[11].—Delirium (before death),[58].—Troublesome and unreasonable mental impressions, easily developed into fixed ideas,[56].—Illusions of sensation,[15].—Remarkably lively and talkative, no one else is able to get in a word,[3].—Sat all day with her head leaning on her hand, and hardly answering when spoken to,[57].—Disposition mild, scrupulous, and timid, with blunted sensibilities,[63].—**Sadness*,[50 56].—[**10.**] Low spirits,[27a].—Entire dejection of spirits, able to read a little, to write very little, with much effort, but taking no interest in anything in life, and though accustomed to the labor of authorship, was quite unable to fix her thoughts on any subject, for many days,[62].—*Greatest depression of spirits,[41].—Gloomy mood,[4].—Hypochondriac mood,[15].—Anxiety,[38 50].—Anxiety and prostration; the patients busy themselves for the most part about the future,[15].—Great anxiety,[27].—Great anxiety and depression,[15].—Disposed to fright and vexation,[27a].—[**20.**] Mental disquietude; fright; feelings easily disturbed,[50].—He fears that from every trifle some misfortune would arise,[1].—Apprehensiveness after some manual labor, which disappears while sitting,[15].—*Irritability,[58].—Unusually great irritability, amounting to anger,[1].—Ill-humor,[8].—Very ill-humored, and sensitive through the whole period of digestion, from noon till evening, with an oppressed sensation in the throat and chest as if about to weep,[2].—Is cross and irascible; feels stupid,[14].—Peevish, fretful; nothing is done right,[4].—Morbid sensitiveness; he is easily and frequently moved to tears,[56].—[**30.**] Extreme sensitiveness,[27a].—***Intellectual.*** Mind feels tired, and does not care to work,[14].—Sluggishness of mind; he is inclined to mechanical labor,[11].—Aversion to work,[1].—Fixed immovable thoughts (twenty-first day),[1].—It constantly seems as though he ought to think about something, but he does not know what; he falls in with nothing,[11].—It is difficult to collect his senses, and he is irresolute,[11].—Feels stupid; is cross and irascible,[14].—Feels stupid and careless,[14].—Feels unfitted for everything,[1].—[**40.**] Stupefaction (after four hours),[45].—Stupor,[50].

Head.—Confusion and Vertigo. Confusion of the head, making thought difficult,[2].—*Confusion of the head, with great aversion to earnest work,*[2].—Confusion of the head, which seems to come from the back through the nape of the neck into the head,[10].—Confusion of the head becoming a pressing pain, especially in the temples; this headache recurred from time to time, till late in the evening (first day),[10].—Slight confusion of the head, with some pressure in the right half of the forehead (after 4 drops),[6].—Vertigo,[21].—Vertigo, tending forward,[4].—Vertigo, with weakness, in the morning,[4].—[**50.**] Dizziness,[63].—***General Head.*** Congestion of the head, followed by headache for half an hour,[7].—Before menstruation, flushing heat in the head, with palpitation and tension in the throat, which became thick,[4].—Heaviness in the head,[63]; (after three hours).[64].—*Headache,*[38 59 50].—Headache, in the morning, on rising, relieved by eating; an

hour afterwards, headache returns, and lasts till noon,[14].—Headache, beginning at night, and continuing all next day; pain mostly on right side of occiput; occasional pains over left eye, with a tired, sick feeling,[14].—Headache in the warm air, when driving a long time or walking rapidly,[1].—Very distressing headache in forenoon; the pains commenced on right side of occiput, and extended over the head to left eye,[14].—Dull headache in the forenoon,[14].—[60.] Headache as if a band were tightly bound about the head,[1].—Pressive, and at times, sticking headache,[10].—Violent pressive headache, especially in the right temple,[10].—Throbbing in the head, on every motion (after twenty-four hours),[1].—Slight throbbing headache, lasting two hours, with hot head and cold, clammy hands; afterwards, a bruised feeling of brain in vertex, relieved by cold air,[14].—Beating, throbbing headache at 3 P.M., lasting till bedtime; head very hot; face red,[14].—Beating, throbbing pain in head, with much heat, and a stupid, cross feeling; washing in cold water relieved,[14].—***Forehead.*** Pain in the whole frontal region (after 5 drops),[6].—Pain in the frontal regions, with confusion of the head, and half an hour after the headache had passed away violent hunger set in, which also recurred soon after dinner (after 6 drops),[6].—Frontal headache,[63].—[70.] Headache in the forehead, externally, as from suppuration,[1].—Headache in the forehead and top of the head, aggravated by every noise or by talking,[1].—Suborbital headache,[50].—Pressure in a small spot in the forehead, just above the root of the nose,[2].—Pressive headache above the eyes, towards evening,[4].—Pressive headache, especially in the left side of the head, extending towards forehead, frequently returning,[10].—*Sharp pressive pain in the upper part of the left side of the forehead,*[2].—Tearing headache above the left eye, and in the temple,[4].—Headache in the forehead; the brain feels bruised and extremely sensitive; the whole body, especially the arms, feels powerless and paralyzed; he is obliged to lie down; with eructations and painful sensitiveness of the external head to touch; even on the next day, confusion of the head and painfulness of the brain on motion (after twenty-six days),[1].—Throbbing in the forehead without pain,[1].—***Temples.*** [80.] Tearing first in the left, then in the right temporal region, almost at the same time,[2].—***Vertex.*** Pain on the left side of the vertex,[11].—Slight pressure in the vertex, lasting ten minutes (after a quarter of an hour, third day),[6].—Stitches in the top of the head (third day),[1].—***Parietals.*** Pain in the morning, at 8 A.M., extending over the right side of the head from the occiput, leaving a bruised spot on vertex,[14].—Severe left-sided headache, in the evening,[14].—Drawing pain in the left side of the head, extending into the teeth,[4].—Drawing pressure in the upper part of left side of the head, extending into the temple,[2].—Pressive tearing in the right side, above the forehead,[2].—***Occiput.*** Biting, sore pain in the right side of the occiput, above the ear, extending backward in the skin,[2].—[90.] Pain in right occipital region, with occasional dull, aching pain in forehead,[14].—Transient pain in the occiput,[7].—Pressive headache in the occiput, relieved by rest, aggravated by walking or other motion of the body, and after awhile changing to great confusion of the head, which lasted till 7 P.M.,[7].—Violent pressive pain in the under surface of the occiput,[10].—Stitches in the occiput, relieved by lying down,[1].—***External Head.*** The hair falls out,[1].—Great falling of the hair,[4].—Itching of scalp, toes, etc.,[14].—Severe itching of scalp on vertex, lasting several days; worse in the morning,[14].

Eye.—Objective. Redness of eyes (second day),[66].—[100.] Eyes glistening, injected, protruding (after two hours),[64].—Eyes sparkling and

restless,[58].—Eyes dull and fixed, with large black rings around them,[57].—Dim, dull-looking eyes,[63].—*Inflamed eyes*,[1].—Inflammation of the eyes, caused by taking cold,[1].—Ophthalmia,[50].—Whites of the eyes dirty yellow, with injected vessels,[4].—Large black rings around eyes,[50].—Peculiar brownish discoloration under the eyes,[55].—[110.] Eye sunken and wild-looking,[56].—Eyes sometimes fixed, sometimes wandering,[50].—Jerking in the eyes (after a few hours),[1].—***Subjective.*** Weak feeling about the eyes, as if they lay deep in the orbits, especially in the afternoon,[2].—Tension above the right eye, with somewhat inflamed eyes,[4].—Pressure in the eyes,[2].—Pressure in the eyes, as if sand were in them,[4].—Painful pressure in the left eye and inner canthus,[11].—Cutting stitches in the left eye, extending towards the external canthus,[1].—Tearing pain about the right eye, especially beneath it,[1].—[120.] Constant tearing pain around the right eye, passing backward from the inner canthus to the articulation of the jaw (sixth to seventh day),[13].—***Lids.*** Redness and swelling of the eyelids, with nightly agglutination,[4].—Enormous swelling and violet color of the upper eyelid,[45].—Leucophlegmatic swelling of both eyelids, without marked redness of the eyeball,[18].—Constant twitching of the lower lid back and forth,[1].—Right eyelid affected by twitching, being spasmodically looped up into festoons; spasms did not entirely cease until after eighteen days,[62].—Itching of the eyelids,[4].—Itching in the canthi,[1].—***Lachrymal Apparatus.*** Lachrymation (after one hour),[25].—Profuse lachrymation,[18].—[130.] Profuse watering of the eyes, when in the open air,[14].—***Ball.*** Stitches in the upper part of the left eyeball,[1].—***Pupil.*** Pupils moderately dilated (after two hours),[64].—Pupils extremely dilated,[63].—***Vision.*** Obscuration of vision,[15].—Dimness of sight,[50].—Dimness and weakness of vision,[63].—Weakness of vision,[24].—Eyesight weak for several days, and is still less strong than usual, after eighteen days,[62].—Objects seem as though veiled,[4].—[140.] The light seems weak and indistinct,[4].—He saw nothing but the white paper while reading print; after he had got to the end of a phrase, the commencement of it would become visible,[34].—Greatly increased sensibility of the retina, a kind of photophobia, so that during the day objects seem illuminated by a flaming fiery-red and almost blinding light, and the artificial light of the evening was quite intolerable,[37].†—Disturbance of vision,[45].—At times, objects seem manifold, and she is unable to see distinctly,[4].—She is unable to do fine sewing, because the stitches flicker,[4].—Flickering before the eyes,[4 27].—Sparks before the eyes,[4].—Fiery curved rays shoot sideways from the visual axis, frequently downward, and also around about the eyes, at a short distance from the point of vision, though more upward (after twenty-four hours),[1].—Dark rings float down before the eyes, at the sides and near the visual axis (after sixteen hours),[1].

Ear.—External. [150.] Bright redness of whole right ear, with a row of very sore pimples on helix,[14].—Tearing pressure in the fossa beneath the right ear and in the neighboring part of the neck,[2].—***Internal.*** Earache in the right ear,[2].—Earache in the left ear,[2].—***Hearing.*** Sensitiveness to noise,[1].—**Difficult hearing*,[15].—Hard hearing,[63].—Ringing in the ears,[50].—Roaring in the ears,[63]; (after two hours),[64].—Frequent noises in the ear, as in a mill,[4].

Nose.—Objective. [160.] Symptoms resembling those of a cold in the head,[51].—Symptoms as of a violent cold in head; "nose running a

† This symptom disappeared as soon as the Iodine was omitted, when the goitre always began to increase.

clear and continuous stream,"[12].—Increased secretion of mucus in the nostrils,[10].—More mucus in the nose than usual,[7].—Increased mucus in the nose, which is stopped, though without catarrh,[11].—Much yellow mucus is blown from the nose,[1].—Large discharge of yellow mucus from the nose (after six to seven days),[13].—*Coryza*,[50 51].—Fluent catarrh, like water,[4].—Fluent catarrh, with much sneezing,[4].—[170.] Stopped catarrh very frequently (especially in the evening), which in the open air becomes fluent, with much expectoration,[1].—Bleeding of the nose on blowing it,[4].—Epistaxis; nose bleeds whenever blown or touched,[14].—Crowing in the nares, like the vibrations of a string, not synchronous with the heart,[65].—Sneezing (second day),[66].—Sneezing without catarrh, whereby even the nasal mucus is thrown far out,[2].—Frequent sneezing, as before coryza,[11].—***Subjective.*** The nose is more open than usual,[11].—The nose in the morning is very wide open and dry; stopped the whole day; smell entirely fails,[11].—Stoppage of the nostrils (after twenty-eight hours),[1].—[180.] The lower portion of the nose is painful on blowing it, without coryza,[2].—Itching-sticking in the forepart of the septum of the nose,[1].

Face.—Objective. An animated look, which is quite characteristic,[55].—Animated, excited, anxious countenance,[58].—Melancholy or anxious expression,[50].—Dejected, or else somewhat excited, expression,[50].—Peculiar change in facial expression,[53].—Wan features,[57].—Bright color of the face; hands redder than usual,[11].—Countenance suffused in the evening,[46].—[190.] Flush in face,[28].—Face flushed (after one hour),[25].—Face red,[63]; (during headache),[14].—Face red and hot,[14].—Face assumed a reddish-purple color (soon),[67].—Yellow complexion,[57].—**Sallow, distressed countenance*,[65].—Diminished color,[27a].—Pallor,[50 52].—Pallid face (third day),[44].—[200.] Paleness of the face,[38].—Face pale, with blue lines, as from self-abuse,[63].—**Face pale, yellowish, or greenish*,[50].—Corpselike paleness,[27].—Pale, wan face,[59].—Pale, drawn face,[15].—Face pale, sunken (after two hours),[64].—Face slightly pale, with an indescribable wanness of aspect,[54].—Extreme collapse of the countenance (immediately),[44].—Twitching of the facial muscles,[21].—***Cheeks.*** [210.] Pressive pain in the right upper jaw,[2].—***Lips.*** **Bluish lips, with swelling of the superficial veins*,[27a].—Scaling of the lips,[11].—Lips painful, dry,[11].—Corners of mouth cracked and very sore,[14].—Trembling of the lips (as from cold),[63].—***Chin.*** A kind of contraction of the jaw, causing her to clench the teeth,[51].—Chattering of the teeth (immediately),[44].

Mouth.—Teeth. **The teeth were covered with much mucus in the morning, became yellow, and were more easily blunted than usual by vegetable acids*,[10].—Pain, as from looseness in the teeth and gum, when eating,[1].—[220.] Very painful and severe toothache,[63].—Pinching toothache in the last right back teeth,[2].—Drawing pain in the teeth of the right side, extending towards the ear, associated with sticking,[4].—Cutting-drawing and sore sensation now in the left, now in the right side, in the roots or gum of the lower incisors,[2].—Pressive toothache here and there, right or left, in the back teeth,[2].—***Gums.*** The gum gradually became redder than usual,[10].—Pale, swollen, and painful gums,[63].—Swelling and inflammation of the gums, causing general toothache,[31].—**Bleeding of the gum*,[2].—Ulcer on the gum of a lower hollow back tooth, with swelling of the cheek, extending up to beneath the eye,[1].—[230.] Gum painful to touch,[1].—***Tongue.*** Furred tongue (second day),[66].—Tongue covered with thick fur of the same color as the vomited matter,[15].—Tongue brown and dry,[65].—Dry tongue,[28].—Tongue dry, white at the edges, brown in the centre, in the evening,[46].—Biting, constrictive feeling, changing in a few minutes to burning on the

tongue, soon,[10].—***General Mouth.*** The mouth is coated with mucus in the morning, fasting,[11].—**Aphthous eruption in the mouth*, obliging him to stay in bed for three days,[56].—Small elevations on the inside of the right cheek, at first with only some sore pressive pain when touched; after a few days, a sticking and cutting as if ulcerated, especially on opening the mouth widely on eating or reading aloud; with inflammation in the vicinity,[2].—[240.] **Offensive odor from the mouth*, even in the morning when fasting, immediately after rinsing with water,[2].—Dryness of mouth and throat,[27a].—Walls of the mouth seemed dry, although they were not really dry,[10].—Pressure in the left half of the palate,[2].—Sore spot in mouth,[14].—***Saliva.*** *Increase of saliva,[51].—Accumulation of saliva, with some nausea,[8].—**Copious secretion of saliva*,[7 8].—*Salivation,[50]; (second day),[66].—Iodine found in the saliva,[66].—***Taste.*** [250.] Sweet taste on the tip of the tongue (sixth day),[1].—Nauseous, sweetish taste,[8].—Bitter taste,[7].—Bitter taste in the afternoon; sweet plums taste very bitter,[4].—Peculiar taste, bordering on salty,[10].—Salty taste,[7].—*Salty taste*, similar to Seltzer water,[7].—Taste curiously affected, nothing having its natural flavor but sweets; lemonade, grapes, etc., very unpleasant, tea bad, coffee less so, eggs all right; but every kind of wine, even though watered and sweetened, was abominable, and tasted like nothing describable, acrid, astringent, bitter, acid, and unendurable; punch, if possible, worse than wine,[62].—***Speech.*** Speech stammering (second day),[64].

Throat.—The neck becomes thick when speaking loud,[4].—[260.] The post-mortem showed a separable orange-yellow patch on the uvula and arch of the palate, consisting of a thin but firm membrane easily detached; this patch was confluent with one on the posterior wall of the pharynx, and extended increasing in thickness into the œsophagus and trachea; the mucous membrane under this membrane was hyperæmic but not swollen; the epiglottis was covered with a thick false membrane, the mucous membrane eroded, dark-red, with many swollen pustules, the submucous membrane œdematous but relaxed; the ventriculi Morgagnii closed by swelling and covered with a similar false membrane; the mucous membrane here was also intensely red and injected, a similar distinct membrane on the vocal cords, and a portion of the larynx beneath; the trachea free from the membrane; the whole extent of the bronchi, even to their finest divisions, inflamed and filled with tenacious mucus; the mucous membrane not diminished but greatly swollen, injected, and showing on every section numerous small points of (apparent) pus, which however might be considered masses of mucus; a high degree of acute emphysema between all the lobules of the lungs. The whole œsophagus from the pharynx to the stomach was covered with a continuous false membrane, orange-colored, firm and detachable; the submucous connective tissue contained here and there phlegmonous purulent spots,[64].—Increased secretion of mucus in the throat, with rough voice,[2].—***Subjective.*** Dryness of the throat,[45].—Dryness, burning, and constriction in the throat,[50].—Pain low down in the throat,[45].—Burning in the throat,[11].—Transient burning in the throat,[8].—Biting burning in the throat, extending into the air-passages,[10].—The sea-air seemed to burn his throat,[56].—Feeling of fulness in the throat (sixth day),[1].—[270.] Constriction of the throat, so that food could scarcely go down,[57].—Painful choking continued for two days and nights, only diminishing appreciably on the second night, accompanied all the time by copious salivation; the choking felt as if caused by shreds of skin peeling off in various parts of the throat, accompanied by a sharp, smarting sensation, which was for the moment

allayed by a spoonful of jelly or arrowroot,[62].—Pressive pain in the right side in the throat, more when not than when swallowing,[1].—Sticking in the throat as if in the larynx, noticed also on swallowing,[2].—Tearing in the throat above the larynx,[2].—Scraping and burning in the throat,[8 9].—Disagreeable scraping in the throat,[8].—Tickling crawling in the throat, in the region of the larynx, in the morning in bed,[2].—Tickling in throat inducing continual hawking,[14].—***Uvula and Tonsils.*** Swelling and elongation of the uvula, with much spitting of saliva,[1].—[**280.**] Intense burning as if the uvula was consumed away,[62].—Left tonsil swollen; pain and difficulty in swallowing,[14].—Biting and twinging in the tonsils, especially in the left, lasting five minutes, soon,[10].—***Fauces, Pharynx, and Œsophagus.*** Redness of fauces (second day),[66].—Fauces highly florid, and, together with the tip of the tongue and portion of the lip, as if denuded,[62].—Fauces relaxed and sensitive (fifth day),[62].—Burning and pain in the fauces, extending to the abdomen, especially violent in the stomach (after two hours),[64].—Sharp burning in the pharynx, with rawness extending into the air-passages,[10].—Feeling of scraping in the pharynx like that remaining after eating hips,[7].—Burning and dryness from the throat to the stomach (immediately),[25].—[**290.**] Smarting and biting pain in the œsophagus, with heat, constriction, and sense of roughness,[63].—***Swallowing.*** Swallowing difficult (second day),[64].—Dysphagia (second day),[66].—**Deglutition so difficult that a considerable pause was required between each act,*[62].—Swallowing impeded when drinking water, as if the throat were constricted and too powerless to swallow the drink,[1].—***External Throat.*** Redness of the neck and chest as if congested with blood,[4].—Diminished swelling of the external throat,[4].†—Constant sensation of constriction in the goitre,[21].

Stomach.—Appetite. *Increased appetite,*[53 58].—Increased appetite; bulimy,[55].—[**300.**] Increased appetite, so that he was scarcely able to wait till noon to satisfy his stomach (a very unusual condition),[8].—Unusual appetite,[7].—Unusually good appetite and digestion,[51].—Great appetite,[11].—Great appetite at noon and in the evening,[10].—Appetite very much increased towards noon (eighth day),[5].—**Remarkable and continued increase of appetite,*[52].—Hunger as great in the evening as at noon,[7].—Decided hunger, although he had had his usual breakfast three hours before (fifth day),[5].—*Excessive hunger* (after three weeks),[18].—[**310.**] *Excessive hunger,* so that he was obliged to eat several times a day,[7].—*Excessive hunger* began about 10 A.M. and increased rapidly until noon, and was associated with unusual thirst; he ate dinner with great appetite and drank more than usual,[7].—*Most violent hunger,* only relieved by dinner; he was obliged to eat again early in the afternoon, and even in the evening he ate largely, contrary to all precedent (after 5 drops),[6].—***Ravenous hunger,** *she cannot be satisfied,*[4].—*Ravenous hunger;* she would like to eat again immediately after a meal; she always feels better if she has eaten to complete satiety,[4].—*Gnawing hunger,* from 10 to 12 A.M., completely relieved by lunch at noon (after ten days),[5].—*Great longing for food,* about 11 A.M.; it was impossible to wait for dinner; though he had satisfied his hunger he ate a hearty dinner with relish, and his appetite reappeared in the afternoon (after 4 drops),[6].—*Can scarcely wait for his meals,* and eats very much,[11].—If he does not eat something every three or four hours he becomes apprehensive; yet he dares not eat too much,[1].—*Diminished appetite,*[22 57].—[**320.**] Appetite very bad,[44].—*Loss of appetite,*[59 65].—Loss of appetite (with the furuncle),[35].—Loss of appetite, or else canine hunger,[50].

† Curative effect.—HAHNEMANN.

—Aversion to food,[63].—Complete loss of appetite,[21].—***Thirst.*** **Thirst*,[28 53]; in the evening,[46].—Increased thirst,[7].—Increased thirst for water,[11].—Much thirst,[65].—[**330.**] Great thirst (after 12 drops),[7].—Great thirst, day and night (after twenty-four hours),[1].—Excessive thirst, frequently obliging him to drink water,[10].—Intense thirst (second morning),[6].—Distressing thirst,[15].—Unquenchable thirst,[36].—***Eructation.*** Eructations,[63]; (half an hour after 1 drop),[7]; (after a few minutes, third day),[6].—Eructations of air,[11].—Constant empty eructations from morning till evening; all the food seems to change to air,[1].—***Heartburn.*** Heartburn,[63].—***Nausea and Vomiting.*** [**340.**] Nausea,[63].—Nausea in the morning immediately after rising, with cramplike pain in the stomach,[4].—Frequent nausea,[65].—Great nausea for a short time,[48].—Transient nausea,[8].—Qualmishness,[14].—Qualmishness in the pit of the stomach every day, disappearing after eating; it lies heavily above the stomach,[1].—Qualmishness by paroxysms, with heartburn and a feeling as of a disordered stomach,[1].—Constant qualmishness, especially at night, with loathing,[59].—Sick feeling (at stomach) for two days; felt as if vomiting would relieve,[14].—[**350.**] Retching every ten or fifteen minutes, followed by sudden vomiting, not very copious; vomiting worse after drinking or moving about, always followed by short relief, the nausea continued during the intervals,[64].—Constant inclination to vomit without vomiting,[38].—Efforts to vomit (immediately),[25].—**Vomiting*,[27 46 50], etc.—Vomiting and liquid stools (after two hours),[64].—Vomiting and purging of a yellowish fluid containing flocculi (after five hours),[61].—Incessant vomiting, with diarrhœa,[15].—Forcible vomiting,[15].—Violent vomiting and spasm (soon),[44].—Obstinate vomiting, which is very easily provoked, especially after eating,[15].—[**360.**] Serous vomiting, continuing the whole day and night,[45].—***Stomach.*** Difficult digestion,[58].—Irregular digestion,[27a].—Great weakness of digestion,[19].—Complete destruction of his former uninterruptedly good digestion; after taking the slightest food, indigestion, with headache that frequently makes him senseless, without however any loss of appetite; for many years he was obliged to observe the strictest diet, avoiding all relaxing, bitter, or resolvent medicines; with complete inability to drink sweet milk,[38].—Pain in the stomach in the morning, disappearing after eructations,[4].—Pains in the epigastrium extending into the abdomen, back, and up into the œsophagus (second day),[64].—Violent pain in stomach,[50].—Most excruciating pain in the stomach,[15].—Food distressed her,[65].—[**370.**] Increased internal warmth in the region of the stomach,[7].—Feeling as though warmth commenced in the epigastric region and extended over the whole body,[10].—Sensation of heat and pain about the epigastric region,[55].—Great heat and burning in the stomach,[63].—Burning heat in epigastrium,[49].—Burning in the pit of the stomach,[1].—Burning sensation in the stomach, or extreme nausea (soon),[32].—Burning pain in the stomach and umbilical region, not aggravated by pressure (after two hours),[64].—Fulness and tension in the stomach,[10].—The stomach seems to be in a permanent condition of contraction,[25].—[**380.**] Cramp in the stomach frequently recurring,[15].—Pressure in the epigastric region,[20].—A sense of weight in the epigastric region, attended with universal tremors (soon),[44].—Very decided cutting pain in the region of the stomach,[7].—Stitches in the pit of the stomach (after five days),[1].—Sharp stitches as with needles in the upper border of the pit of the stomach,[2].—Lacerating pains in the epigastric region (immediately); extremely severe, and aggravated by the slightest pressure (after one hour),[25].—Gnawing pain in the upper part of the stomach,[15].—Tenderness of the epigastrium,[65].—Stomach painful to touch,[63].

Abdomen.—Hypochondria. [390.] **The left hypochondriac region is hard and acutely painful to pressure,*[4].—Pressure in the right hypochondrium,[2].—Sharp stitching in the left hypochondrium, as from incarcerated flatulence,[2].—Somewhat sore pressure in the left hypochondriac region,[2].—Pinching and dull cutting pain in the hepatic region,[2].—Pressure in the hepatic region, which is even painful to touch,[2].—Pressive sticking pains in the hepatic region,[22].—Inflammation of the liver, with constant pressive pain in it, which was very hard though only moderately swollen, with constant fever, dry tongue, great restlessness, little sleep, very small rapid pulse, and fainting on rising up in bed,[22].†—(There is less pain in the region of the liver and pit of the stomach),[4].‡—***Umbilical.*** Cutting in the region of the umbilicus,[10].—[400.] Violent cutting in the umbilical region,[10].—***General Abdomen.*** Distension of the upper abdomen, with sharp pressure, here and there, as from flatulence, lasting from dinner through the whole period of digestion,[2].—Abdomen meteoric (second day),[64].—Rumbling in the abdomen (fifth day),[5].—(Rumbling in the abdomen disappears),[11].—Rumbling in the intestines, without desire for stool (after 12 drops),[7].—Frequent rumbling and moving about in the abdomen for some hours (after ten days),[5].—Incarceration of flatulence in the left side of the abdomen,[1].—Frequent emission of flatulence,[11].—Noisy flatulence,[63].—[410.] Movements in the abdomen, which gradually became painful, followed by frequent emission of flatulence of the odor of sulphuretted hydrogen, and frequent inclination to evacuate the rectum,[10].—Unusual movement in the abdomen, beginning in the stomach, and extending with a cutting sensation over the abdomen; at times it seemed as though these movements extended up into the chest, which was constricted; soon afterwards they pressed more downward towards the pubis, into the bladder, and towards the testicles,[10].—Increased peristaltic action in the intestines, with frequent evacuation of air and fæces, without distension of the abdomen,[10].—Apparent increase of the peristaltic motion of the intestines, changing after half an hour to a feeling of tension,[7].—Heaving in the abdomen, with increased warmth and determination thence to the surface of the body, as if sudden perspiration would break out over the whole skin,[10].—Perceptible forcing and straining downward in the intestinal canal, followed by urging in the rectum to evacuate gas and fæces, followed by relief,[10].—Indescribable uneasiness in the bowels, especially at night, without anorexia or dyspepsia,[56].—Pain in the abdomen extending to the spine,[1].—Pain in the abdomen, especially along the colon (after three hours),[25].—Abdomen painful,[63].—[420.] Painful sensations in the abdomen, or in the attachments of the diaphragm,[50].—Heat and burning in abdomen,[63].—Burning sensation in abdomen (second morning),[61].—Pinching and pressive colic,[1].—Drawing cramplike pain in the upper abdomen, starting from the pit of the stomach,[2].—Pressure in the abdomen, near the right hip,[2].—Pressive colic in the upper abdomen, between the pit of the stomach and umbilicus,[2].—Almost cutting pains in the abdomen,[8].—Violent cutting colic,[27].—Stitches in the sides of the abdomen,[1].—[430.] Acute stitches in the forepart of the abdomen, in the right side beneath the ribs, on inspiration; they frequently recur on deep breathing,[11].—Most violent colic, obliging them to lie in bed,[26].—***Hypogastrium and Iliac Region.*** Burning tearing in the left side of the abdomen, near the hip,[2].—Irritability of the abdomen, especially in the region of the stomach,[7].—Irrita-

† Terminating in death. ‡ Curative action.—HAHNEMANN.

bility of the intestinal canal in the region of the stomach and in the small intestines, less a pain than a moving about, and ending after half an hour with a sensation of tension,[7].—Pressure in the lower abdomen after each morning stool, which was rather hard than soft,[2].—Pressure in the lower abdomen in frequent paroxysms, mostly while sitting, and gradually disappearing on stretching out; several days in succession,[1].—Sharp sticking in the left side of the lower abdomen,[1].—Jerking-sticking pain above the arch of the pubis,[11].—The place of a hernia becomes inflamed from the usual truss (sixth day),[1].—[440.] Audible and perceptible rumbling in the site of an inguinal hernia, in the morning on inspiration,[1].—Pressure in the right inguinal region,[2].—Pressive pain on the right side close to the penis,[2].—Bubbling tearings in the right side close to the penis,[2].

Rectum and Anus.—Objective. Itching, painful hæmorrhoids,[11]. —***Subjective.*** Pain in the hæmorrhoids appearing before the stool and remaining afterwards,[11].—Burning pain within the rectum,[11].—Pressure in the rectum, in the evening in bed (after thirty-six hours),[1].—Smarting in the rectum after a natural stool,[1].—*Burning in the anus, in the evening,*[1].—[450.] Slight burning in the anus after every evacuation,[10].—Violent itching in the anus,[1].—Violent itching in the anus, as from threadworms,[4].—Frequent smarting, itching, and burning in the anus,[1].—Desire for stool without an evacuation, which only occurs easily and without exertion after drinking cold milk,[4].—Frequent urging and pressure to evacuate the bowels, apparently in consequence of increased peristaltic action of the intestines; with frequent evacuation of liquid fæces,[7].

Stool.—Diarrhœa. Increased discharge from the bowels,[9].—Evacuations from the bowels increased in number and quantity,[7].—**Diarrhœa,*[32 50 53], etc.—Diarrhœa, aggravated by drinking beer,[14].—[460.] Profuse diarrhœa of watery, frothy, whitish mucus, with griping about the umbilicus and pressure on the vertex,[4].—Profuse, even bloody diarrhœa,[27]. —Excessive diarrhœa,[36].—Most violent attacks of diarrhœa, with violent colic, for ten days,[15].—Diarrhœa-like evacuation from the rectum about 6 P.M.; repeated the next morning (eighth day),[5].—Evacuation of the bowels in the evening (the second time, contrary to habit), diarrhœa-like (third day),[6].—Stool mucous, bloody, scanty, diarrhœa-like,[15].—Purging (second morning),[61].—Catharsis,[32].—Frequent evacuation of soft fæces followed by burning in the anus,[10].—[470.] **Several whitish stools during the day, softer than usual,*[4].—Stool soft and easy,[11].—Pasty evacuations from the bowels,[10]. —Passage of much thin fæces towards evening (tenth day),[5].—Stool thin, liquid, reddish-brown, with colic and urging,[61].—Stool contains much clear blood (second day),[64].—Stool of a peculiar odor, earlier than usual, in the morning,[11].—***Constipation.*** Constipation,[50 56].—Constipation the whole day,[7].†—Constipation; evacuation of hard fæces accomplished only with great pressure,[7].‡—[480.] Constipation of long duration,[15].—Obstinate constipation,[59].—Bowels constipated (after eight hours),[44].—Costive,[28].—Stool difficult to evacuate,[1].—Stools infrequent and difficult,[63].

Urinary Organs.—Urethra. Acute cutting in the orifice of the urethra when not urinating,[2].—Stitches as with needles in the orifice of the urethra (after sixteen days),[1].—Itching smarting in the orifice of the urethra,[1].—***Micturition.*** Frequent desire to urinate; with frequent micturition; at times, however, there was not much passed,[10].—[490.] In-

† Reaction after several doses of the drug.—T. F. A.

‡ Reaction after repeated doses.—T. F. A.

cessant desire to urinate,[21].—Frequent micturition, with urging thereto,[4].—**Copious and frequent micturition*,[8].—*Involuntary micturition (after three days),[1].—Urine constantly dribbling away, attended with a constant desire of voiding it (after eight hours); can be retained an hour or more (after twenty-four hours),[44].—She passed almost no urine, and the little passed was red (after forty-eight hours),[1].—Scarcely three spoonfuls of urine in twenty-four hours, and of a dark reddish-brown color (with a strong odor of Iodine), (second day),[64].—Painful urination,[14].—Biting corroding urine during micturition,[1].—***Urine.*** Increased urine,[9].—[500.] Increased secretion of urine,[27a].—Polyuria,[50].—Copious secretion of bright yellow, thin, watery urine; was obliged to urinate at least six times from noon till evening, and every time passed rather a large quantity,[7].—Suppression of urine (second morning),[61].—Urine red and turbid, usual quantity,[65].—Urine darker than usual, turbid, at times also milky,[2].—Urine light-colored and scanty,[63].—Urine somewhat thicker than usual and depositing a very dark sediment,[9].—Horribly offensive smell of urine after standing but a short time,[14].—Iodine found in the urine,[66].—[510.] On examining the urine, the presence of both Iodine and albumen was discovered; the urine of eleven children treated in the same way was examined, and in all found to contain Iodine, and, in four out of the eleven, albumen. The albumen disappeared when the Iodine treatment was stopped, and reappeared when it was recommenced,[67].

Sexual Organs.—Male. Irritability of the genitals,[10].—Violent and continual erections,[36].—Erections, without lasciviousness,[11].—Priapism,[32].—Erections occur slowly (fifth day),[1].—Power of erection much enfeebled,[42].—The genitals become as it were atrophic, and erections and pollutions, to which he had been subject, were never observed,[31].—Frequent acute drawings in the forepart of the penis, not definite whether in the urethra or the glans penis,[2].—Cutting drawing in the corona glandis,[1].—[520.] Frequent tickling of the glans penis,[10].—Violent tickling on and beneath the glans penis,[2].—Violent itching on the glans penis,[1].—**Testicles tumefied and very tender to touch;* drawing pain along spermatic cords from testicles upwards; left testicle much worse,[14].—Testicle double its former size (after two hours),[66].—Testes diminished in size and consistency, while the patient no longer possessed venereal power,[41].—Great diminution in size and power of the testicles,[43].—One testicle is retracted to the abdomen,[1].—Vigorous activity of the testicles,[11].—Increased secretion of semen,[27a].—[530.] Severe pain in right testicle,[14].—Burning pain in a spot on the right side of the scrotum,[11].—Frequent dragging and pressure towards the testicles, lasting from 10 A.M. till evening,[10].—Remarkably increased sexual desire (in men),[17].—Emission several nights in succession, without dreams,[14].—Emissions four nights in succession,[14].—Emissions at night without knowledge,[14].—Emissions, with dreams after falling asleep again, after which he is very weak,[11].—Seminal emissions twice the same night,[14].—Emission, with amorous dream; very stupid on waking,[14].—***Female.*** [540.] It excites the activity of the uterus and causes slight hæmorrhage from it,[17].—A case is said to have occurred in which the female became barren soon after commencing the use of Iodine,[30].—Before the administration of Iodine she gave birth to a child annually, but from the time of commencing its use to the present, a period of eight years, she has never become pregnant,[30].—Menstrual discharge commenced, though not profusely (after twenty-four hours); patient had been unwell eight days previously,[44].—Menstruation eight days too late, with vertigo and palpitation,[4].—Menses two weeks too

soon; bearing down pains, with cross temper and weeping mood; face very red,[14].—Very irregular menstruation,[22].—Several young females who took it liberally were affected with retention of the catamenia,[29].—Menstruation that was present ceased,[3].

Respiratory Organs.—Larynx, Trachea, and Bronchi. Increased secretion of mucus in the air-passages,[9].—[550.] Rawness and dryness of the air-passages on rising in the morning,[10].—Œdema of glottis (second day),[66].—**Pains in the larynx, with desire to cough*,[20].—Painful pressure in the region of the larynx, even extending to the pharynx, causing a sensation as if the parts (even including the tonsils) were swollen,[10].—**Painful pressure mingled with stitches in the region of the larynx and sublingual glands, returning several times during the day*,[10].—Intolerable crawling and tickling in the larynx, only relieved by hawking and coughing, with accumulation of water in the mouth, in the morning in bed,[2].—**Region of the trachea smarting, accompanied by frequent lancinating pain* (fifth day),[62].—Excessive bronchial irritation (second day),[66].—***Voice.*** Tremulous, jerky voice,[56].—Broken voice,[50 57].—[560.] Very deep voice,[1].—Hoarseness, in the morning,[4].—***Voice hoarse** (second day),[64].—Voice hoarse (first day); descended into a fatiguing whisper (fifth day); became more laborious (eleventh day); no better (eighteenth day),[62].†—Voice weak (after three hours),[64].—Aphonia; want of vibration of cough,[45].—***Cough and Expectoration.*** Irritation to cough, caused by violent tickling in the throat,[4].—Provocation to cough, with a deep dry cough,[10].—Cough, in the evening,[1].—**An effort to expand the chest produced cough but no pain*,[65].—[570.] ***Croupy cough**,[45].—Dry hacking cough, increased by movement,[65].—Frequent dry cough,[52].—Much dry cough,[10].—Cough with effort, so that she must vomit, ceasing after expectoration of mucus,[4].—Cough, with expectoration of mucus preceded by heaviness, extending from the throat into the chest, which makes respiration difficult,[4].—Short cough, from tickling in the throat,[3].—Short cough, caused by tickling in the throat, with thick yellow expectoration and good appetite, but sickly expression,[1].—Spitting up of a white frothy mucus, sometimes of a ropy fluid,[63].—Copious bloody expectoration,[48].—***Respiration.*** [580.] Respiration accelerated,[45].—Respiration 23 in a minute,[46].—Respiration about 30,[65].—Inarticulate sighing,[45].—Difficulty in breathing (after a few days),[65].—Difficult respiration,[27a].—**Respiration, especially inspiration, difficult*,[45].—**Tightness of respiration* (fifth day),[1].—The slightest exertion causes oppression of breathing, palpitation, and vertigo,[54].—Suffocative feeling,[59].—[590.] Feeling of suffocation at times,[58].—Short of breath, especially on the slightest exertion,[56].—Loss of breath,[15].—Dyspnœa, in the afternoon,[7].—Sudden dyspnœa, with pain on deep inspiration; during the half an hour which this lasted the heart beat more rapidly and violently than usual, and the pulse was smaller and more rapid,[7].

Chest.—Objective. Pleurisy (in three cases),[34].—Rattling of mucus in the chest, with rawness beneath the sternum and heaviness on the chest,[4].—***Subjective.*** Heaviness in the chest, causing difficult respiration,[10].—Burning pain on left side (of chest) near sternum, which feels as if drawn towards back,[14].—Burning-sticking tension in the parietes of the chest,[1].—[600.] Tightness, pressure, and burning in the middle of the chest, some-

† With respect to the loss of voice I would add that it is sixteen years since this lady lost it, previous to which time I had frequently attended her for that unpleasant symptom, and restored it by tonics and local astringents.

times in the left, sometimes in the right side,[10].—*Constriction of the chest,*[7 38]. —Much constriction in the chest, afterwards becoming a pressure, and returning in the afternoon as a sticking,[10].—Sharp sticking in the middle of the right chest, only on expiration,[2].—Pressure on the chest, at times changing to a pain, and frequently causing a deep dry cough,[10].—Pressure somewhat deep in the right chest,[2].—Pressure and sticking in the chest, with frequent provocation to cough and frequent dry rough cough, entirely disappearing on going into the open air,[10].—Sudden pressive pain in the right thoracic cavity, always aggravated by inspiration (after 1 drop),[7].—Sharp sticking in the lower portion of the right side of the chest near the pit of the stomach, on inspiration,[2].—Tearing in the parietes of the right chest,[2]. —[610.] Sore pain in the chest, continuing in both sides, when breathing and on external touch,[1].—***Mammæ.*** Sometimes dwindling of the breasts,[52].—Breasts visibly and remarkably diminished in size, and long in recovering their normal proportions,[39].—The breasts decreased so as to almost entirely disappear,[30].—She lost her breasts entirely,[33].—*Atrophy of the mammary glands,*[24].—Atrophy of the mammæ and testicles, without impairment of the general health,[50].—Diminution of milk (after a week); went on increasing as the medicine was continued four or five days longer, its use being suspended the milk in another week was as abundant as ever, but being resumed in a fortnight the same effects recurred at the end of a week,[40].

Heart and Pulse.—Præcordium. Violent rush of blood to the heart and head,[51].—**Great præcordial anxiety, obliging him to constantly change his position* (after three hours),[64].—[620.] Squeezed sensation in the heart,[4].—Pressure in the region of the heart,[10].—**The pains were sharp, quick, piercing, and movable, but a heavy oppressive pain constantly in the region of the heart,*[65].—***Heart's Action.*** *Palpitation of the heart,[15 21 50], etc.—Palpitation the whole day, lasting till he fell asleep,[4].—Palpitation of the heart, after menstruation,[4].—**Palpitation, increased by movement,*[65].—Violent palpitations and other nervous disorders,[32].—Spasmodic palpitation that she feels as far down as the navel, but most violent in the pit of the stomach,[4].—Palpitation disappears entirely,[4].†—***Pulse.*** [630.] Pulse excited,[27].—Irritable pulse,[20].—Frequent pulse,[36].—Accelerated pulse,[52].—Accelerated pulse, rather small than full; much quicker at intervals,[50].—Pulse accelerated and extremely weak,[54].—Pulse considerably accelerated,[55].—Rapid, feeble pulse (second morning),[61].—Pulse very rapid,[58].—Pulse small, hard, and so rapid that it could scarcely be counted,[15].—[640.] Pulse quick and weak,[56].—Galloping pulse,[59].—Acceleration of the pulse 7 or 8 beats to the minute,[10].—Pulse over 130,[57].—Pulse small, 132 (second day),[64].—Pulse 70, soft, regular, and equal (before the operation); 95, small and feeble but regular and equal (immediately after the operation); 130, small, not wiry, in the evening,[46].—Pulse small, weak, and slow, immediately,[44].—Small, very quick pulse, irregular,[65].—Pulse hard, thin; the carotid pulse small, weak, 120, in marked contrast to the *tumultuous, irregular, at times intermitting action of the heart,*[61].—Pulse energetic, large, and full, in the afternoon,[7].—[650.] Pulse weak and tremulous (after eight hours),[44].—Small pulse,[50].—Pulse small and contracted (after one hour),[25].—Pulse small, thready,[45].—Tremulous pulse (third day),[44].

Neck and Back.—Neck. Rheumatic pains in the neck, arms, and back,[10].—Rheumatic pain in the nape of the neck and upper arms,[7].—Rheu-

† Curative action.—HAHNEMANN.

matic tension in the right side of the neck,[2].—Constriction of the neck,[4].—Throat very much constricted,[4].—[660.] Rheumatic pinching on the lower portion of the neck near the left shoulder, aggravated by touch, apparently relieved by some eructations, though frequently repeated afterwards,[2].—Tearing on the right side of the neck,[2].—***Dorsal.*** Severe pain under scapula of left side,[14].—Burning in the right scapula,[2].—Stitches in the scapulæ, on lifting anything (after fourteen days),[1].—***Lumbar.*** During the menses (at the usual time) pains in the small of the back,[4].—Stitches in the small of the back (fifteenth day),[1].—Drawing and pressure in the region of the right kidney,[2].—***Sacral.*** A pressive pain now decreases, now increases, in the coccyx and sacrum,[2].

Extremities in General.—Objective. Trembling of the limbs,[38 56].—[670.] Tremblings of the limbs, especially of the hands,[15].—Tremor of the limbs, like that caused by mercury,[27a].—***Subjective.*** Violent cramps and convulsive jerking of the arms, back, and legs, which scarcely cease for a moment,[15].—Heaviness of the limbs, in the morning (eighth day),[1].—Sensation of numbness in the upper and lower extremities,[16].

Superior Extremities.—Objective. Slight swelling followed first application, more the second, and so much more the third as to excite much alarm in the friends and to give the limb a truly formidable appearance; the whole arm was swollen to the hand, and part of this,[28].—The position of the upper limbs looked as if convulsions would come on,[25].—Involuntary twistings of the arms, particularly the right, immediately,[41].—Twitching and jerking of the arms, hands, and fingers,[63].—Paralytic weakness of the arms in the morning on waking in bed,[1].—***Subjective.*** [680.] Tearing pains in both arms after slight manual labor,[1].—***Shoulder.*** Pain in left shoulder, with soreness, extending down the whole arm,[14].—Constant pain in left shoulder, as if bruised,[14].—Intermitting pains in left shoulder,[14].—For some days, severe pain in left shoulder; pain runs down to elbow, at times so severe as to disable the arm; shooting pains in the fingers,[14].—Rheumatic pain in the left shoulder,[2].—Violent stitches in the shoulder-joints even during rest,[1].—(Drawing, tearing pains in the morbidly elevated shoulder), (second day),[1].—***Arm.*** Muscles of left arm and shoulder feel flabby and soft; no power in the arm,[14].—Pain in the bone on the outer side of the arm, wakes from sleep and does not permit one to fall asleep again, also aggravated when lying upon it,[1].—[690.] Slight pains in left arm,[14].—Severe lancinating pain in biceps of left arm, extending into shoulder; pains worse when extending the arm; paralytic weakness,[14].—***Elbow.*** Pressure in the bend of the left elbow,[1].—*Tearing in the left elbow,*[1].—Left elbow feels sore,[14].—***Wrist.*** Sticking pain in the right wrist when lifting or grasping anything,[1].—***Hand.*** Trembling of the hands,[15 16].—Trembling of the hands, at first slight, afterwards more decided,[54].—Tearing in the metacarpal bone of the right index finger,[1].—Pain as after a blow on the metacarpal bone of the index finger, aggravated by touch,[3].—***Fingers.*** [700.] Tensive pain in the finger-joints as if they would break on bending them, with some swelling and painfulness on pressure when they are stretched out (after a few days),[1].—Tearing in the first joint of the right thumb,[2].—Tearing in the whole of the index and middle fingers of the left hand,[2].—Tearing in the knuckle of the right little finger,[2].—Ulceration of the nail of the left index finger, caused by a slight prick near the nail,[1].

Inferior Extremities.—Lassitude in the limbs, so that he could hardly stand, as if stiffened,[56].—The limbs feel as heavy as lead,[4].—Great

tension of the limbs, almost like a cramp in the thighs and legs, only when sitting, not while lying, walking or standing,[1].—Rheumatic drawing in the whole left leg, especially in the thigh and knee, with grumbling in the heel, in the evening in bed, aggravated by motion,[2].—***Hip.*** Intermitting sharp tearing between the left hip and articulation of the thigh, very much aggravated by moving the joint,[2].—***Thigh.*** [710.] Twitching of the muscles of the thigh,[1].—Rheumatic pain in the left thigh,[2].—Pressure in the left nates as if in the ischium,[2].—Sharp sticking-tearing in the middle of the left thigh, towards the inner side,[2].—Pinching-tearing in the left thigh, near the head of the bone,[2].—Soreness of the thighs, where they rub when walking, in a woman,[1].—***Knee.*** Tearing in the left knee,[2].—Dull tearing on the outer side of the hollow of the right knee,[2].—***Leg.*** Swelling of the legs,[52].—The lower leg falls asleep easily,[11].—[720.] Sharp shooting pains in the right leg.[14].—Tearing on both sides of the lower leg just above the malleoli,[2].—Pain in the tibia as if suppurating,[1].—***Ankle.*** Violent cramp in the ankle at night with jerking in it,[4].—Some violent stitches in the malleoli,[2].—***Foot.*** Cramps in the feet,[15].—The feet feel as heavy as lead,[4].—Pressive cramplike pain in the foot, extending from the middle toe to the ankle,[1].—Constant sharp pain in the inner half of the right heel,[2].—***Toes.*** Suddenly a violent pain in the big toe of the right foot, increasing in violence and passing to the other toes on the day following; the toe which had been first affected became less sensitive, then cold, lastly black, with sudden supervention of typhoid fever, the gangrene rising up to the thigh with horrid pains, the leg becoming black as pitch and icy cold, until finally the tibia and fibula broke while the woman attempted to turn herself in bed, the whole limb dropping off,[35].—[730.] Sticking, tearing beneath the nail of the left great toe,[2].

General Symptoms.—Objective. Œdematous swelling of the whole body,[19].—Dropsical condition,[24].—*Emaciation,[22 50 53], etc.—**Great emaciation*,[21].—*Great emaciation*, which becomes almost incredible,[15].—Emaciation so great that the arms and body were almost without flesh, the breasts quite flat, the calves completely gone, and the legs no thicker than the wrists in health,[15].—*Remarkable emaciation*,[21].—*Extreme emaciation*,[15 56 63].—*Extreme emaciation, even to a skeleton*,[3].—[740.] *Gradual emaciation*,[27a].—Daily increasing emaciation, ending in marasmus,[54].—*Rapid emaciation*,[52].—*Rapid and extreme emaciation*,[57].—Such rapid general emaciation that in a few weeks, or sometimes, in six or eight days, the subjects are unrecognizable, looking twenty years older; the glands (mammæ and testicles) are particularly affected,[50].—Atrophy of the glandular tissues (breasts, testicles, and thyroid gland),[27].—All the successive symptoms of "nervous consumption",[27].—Weak impulse of the arteries,[27a].—Troublesome nervous condition,[57].—A very troublesome condition of the nervous system, which the subjects can hardly describe; it is an internal agitation, similar to that caused by hearing bad news, or by remorseful feelings after a quarrel; together with inability to fix the attention when reading or drawing, weeping and intolerance of the slightest opposition,[54].—[750.] Serious disturbances of the nervous system,[55].—Nervous system much shaken; "completely out of gear,"[59].—Tremblings,[15 36].—Trembling of the whole body,[65].—Trembling and out of breath from the least movement,[50].—Tremblings of a peculiar kind,[15].—Tremor,[52].—General tremor,[51 58].—Tremors of the whole body, but especially of the arms,[32].—Almost convulsed condition (when the pains are very intense),[50].—[760.] Convulsive movements,[50].—Severe paroxysms of hysteria (fifteen minutes after injection); shortly after being put to bed

she became more calm, and in half an hour more the hysteria entirely ceased,[46].—A kind of catalepsy,[63].—Indolent in all his movements,[8].—Easily fatigued,[27a].—Extreme lassitude,[25].—Failure of strength,[57].—Great failure of strength,[50].—Her strength had failed very rapidly for the last fortnight; unable to ascend the stairs,[65].—Loss of strength,[52].—[770.] Loss of strength, could not take a short walk,[59].—Weakness,[53].—Weakness, so that sweat breaks out on talking,[4].—During the menses, great weakness,[4].—During the passing away of the menses, great weakness,[1].—Great weakness after a short walk, with a feeling of fasting, though without hunger, in the afternoon,[2].—Muscular weakness,[52].—Debility,[50].—Feeling of general debility, with a craving for something reviving, relieved for the time by a cordial, or a little nourishment; but delay in eating gives rise to malaise, drawings, and often severe pain in the stomach,[54].—* *Great debility*,[63].—[780.] Extreme debility (third day),[44].—* *Prostration*,[15 24 50].—Unusually prostrated,[8].—Great prostration,[21].—Utterly prostrated, both mentally and physically,[62].—Inability to stand, immediately,[44].—(Even when vomiting he is unable to raise himself without help), (after three hours),[64].—Exhaustion,[18].—Great exhaustion,[45].—Collapse and prostration, though not amounting to faintness,[64].—[790.] Great collapse, with sunken face (second day),[64].—Faintness,[38]; (immediately),[44].—Fainting fits,[36].—*Restlessness*,[36 50 58].—*Sitting in bed with great restlessness, but with perfect consciousness*,[64].—Peculiar restlessness and anxiety (second morning),[61].—Restless moving about; she runs about incessantly and does not sit down; also she does not sleep at night; so that she is taken to be insane,[3].—Aversion to sitting still,[1].—***Subjective.*** Increased general sensibility,[24].—More or less nervous susceptibility,[50].—[800.] Takes cold easily; inflammation of the eyes caused thereby,[1].—Feeling of fatigue,[58].—Feeling of debility,[27a].—Feeling of weakness and general discomfort after dinner,[2].—Sense of sinking and faintness, which were peculiarly oppressive, and complained of during the intense pain as the thing most difficult to bear,[15].—Sick feeling over the whole body, a peculiar heaving commencing in the epigastric region, extending towards the surface, with a sensation as if he would tremble or perspire all over,[10].—Pains in various parts, but principally in the chest, increased by movement,[65].—Violent pain (when applied),[14].—Rheumatic pains, especially in the upper arms,[10].—Soreness all over body; severe pain in left side, making it difficult to move; better after continued motion,[14].—[810.] Body feels sore all over; sickish feeling, and sensation as though the bones would cut through the flesh,[14].—Soreness of whole left side of body,[14].—Left side of the body, right side of the head, most affected,[14].

Skin.—Objective. The whole skin assumed a brown color, as if smoked (instead of the former yellowish tint),[20].—Skin dingy and livid,[27a].—Skin pale,[57].—***Eruptions, Dry.*** Various species of eruptions, from simple erythema to *morbus maculosus*,[50].—Very painful and sore pimples on various parts of the body,[14].—Erythema of the face, and inflammation of course,[60].—Red, burning spot on the nose beneath the eye,[4].—[820.] A small scab in the right nostril,[4].—Itching elevation on the nose,[1].—A round, burning, itching spot on the right hand, between the thumb and index finger, with two whitish pellicles on it; rubbing relieves it; it disappears on the third day,[4].—Itching papulous eruption on an old scar,[1].—***Eruptions, Moist.*** Patch of small vesicles on mucous membrane of lower lip; vesicles contain a colorless, limpid fluid,[14].—Skin (of arm) tight, at first glossy, and then covered with miliary vesicles; it was very hot, itched, and smarted; any considerable motion of the arm produced rupture of

these vesicles, and especially when an attempt was made to bend the elbow, a large discharge of water took place; it was most considerable from the inside of the elbow-joint,[28].—Flat gelatinous vesicles on the left knee,[11].—***Eruptions, Pustular.*** Very painful suppurating pimples on forehead; feel as though pierced with a needle; skin very red far around each pustule,[14].—Sore pustules all over the face; face burning and stinging continually,[14].—Every spot which had been scratched became dark brown, and the ulcerated places, remaining after the furuncles, became likewise gangrenous,[35].—[**830.**] A large furuncle between the scapulæ, and considerable inflammation of the surrounding parts (with loss of appetite and sleeplessness); the furuncle detached itself from the skin after the application of warm poultices, in the shape of hard, knotty bodies, leaving deep and painless ulcers, which refused to heal,[35].—***Subjective.*** Feeling like severe fleabites over the whole body day and night,[1].—Sticking-itching in various parts of the body,[1].—Itching on the back above the right hip,[1].—Itching in the palms,[14].—Itching of an old scar of an ulcer healed for several years (on the leg),[1].—Itching of the toes in the evening,[14].—Burning and intense itching of all the toes during the whole day,[14].

Sleep and Dreams.—Sleepiness. Frequent yawning,[11].—Sleepiness,[21].—***Sleeplessness.*** [**840.**] *Sleeplessness,*[24 50 52].—Sleeplessness at night,[51].—Nightly sleeplessness, though extremely weary in the daytime,[59].—Night sleepless, with profuse perspiration,[10].—Complete insomnia for eight days, with restlessness and delirium,[63].—Loss of sleepiness,[21].—No need of sleep (sixth day),[1].—Restless sleep at night,[10].—Restless sleep, with anxious dreams,[4].—Restless sleep, with unpleasant and fatiguing dreams,[27].—[**850.**] Restless sleep, followed by almost complete insomnia; on getting to sleep, nightmare and hallucinations,[56].—Slept badly,[57].—Slept badly, with nightmare and shocks, as from electricity, which awoke her with a start,[58].—Sleep broken by sudden starts,[46].—Wakes very early, feeling very well,[11].—***Dreams.*** Sleep full of dreams,[15].—Unremembered dreams, with sound sleep,[4].—Very vivid dreams, from which he would have been glad to awake, but could not, with feeling of weakness after waking,[4].—Dreams every night of swimming in water, of walking in mire, that her daughter had fallen into a brook, etc.,[4].—Dreams of having unsuccessful intercourse with men; no emissions,[14].—[**860.**] Dreams that he is about to have connection with a man, but, for some unknown reason, the dream changed before the act was accomplished; no emission,[14].—Anxious, restless dreams,[4].—Anxious dreams of dead people,[4].—Nightmare,[50].

Fever.—Chilliness. Skin cool,[65].—Temperature cool, especially of the upper extremities (after two hours),[64].—Cold extremities,[45].—Coldness and trembling of the limbs,[27].—Hands and feet cold,[65].—Hands cold and clammy,[14].—[**870.**] Feet cold (after eight hours),[44].—Cold feet at night,[1].—Nose icy cold (after two hours),[64].—***Heat.*** Heat of the surface,[28].—Skin hot and dry in the evening,[46].—Increased warmth of the whole body,[10].—Became very warm, indeed excited, after drinking wine, though he always felt as if he would soon become tired,[11].—Excessive heat,[36].—Flushes of heat,[4].—Fever,[53].—[**880.**] Fever, with dryness of the skin, weakness and rapid pulse, delirium, twitching of the muscles and carphology, with more coldness than heat in the skin,[23].—Fever declared itself with an intensity out of all proportion to the local inflammation (after two hours),[66].—Quartan fever, with constant diarrhœa on the days free from fever (after a few months),[22].—Febrile condition, with alternations of chill and heat,[21].—Irregular and transient febrile movements,[27].—Heat of the hands,[1].—Burning

heat of hands,[63].—Burning heat flits across the right leg,[11].—***Sweat.*** Sweat,[63].—**Nightsweat*,[1].—[**890.**] Sour nightsweat all over every morning, with great weakness of the limbs for the first hour afterward,[1].—Cold sweat,[38].—Viscid sweat,[27a].—**Very profuse perspiration at night*,[10].—Skin covered with cold perspiration (after two hours),[64].—Cold and profuse perspirations, immediately,[44].—Iodine found in the perspiration,[66].—Palms of hands sweat continually,[14].—Hands sweat very much at 3 o'clock every afternoon,[14].—Profuse footsweat (late symptom after eruptions had disappeared),[14].—[**900.**] Feet sweat easily and feel cold,[14].—Profuse perspiration on the forehead,[27].—Perspiration on the feet so acrid that it corrodes the skin,[1].

Conditions. — **Aggravation.**—(*Morning*), Vertigo, etc.; on rising, headache; itching of scalp; in bed, crawling in throat; pains in stomach; on inspiration, rumbling in site of hernia; on rising, rawness, etc., of air-passages; in bed, crawling, etc., in larynx; hoarseness; heaviness of limbs; on waking, weakness of arms.—(*Afternoon*), At about 3 o'clock, symptoms generally; weak feeling about eyes; bitter taste; at 3 o'clock, hands sweat.—(*Evening*), In bed, pressure in rectum; *burning in anus;* cough; in bed, worse on motion, drawing in leg, etc.; skin hot, etc.—(*Night*), Symptoms generally; qualmishness; uneasiness in bowels; cramp in ankle; cold feet.—(*After dinner*), Feeling of weakness, etc.—(*When driving a long time*), In warm air, headache.—(*On expiration*), Sticking in chest.—(*Inspiration*), Pain in thoracic cavity.—(*After manual labor*), Apprehensiveness; pain in arms.—(*Lying upon part*), Pain in arm-bone.—(*Motion*), Throbbing in head; headache in occiput; dry cough; palpitation of heart.—(*Noise*), Headache in forehead, etc.—(*Pressure*), Pains in epigastric region.—(*Rising in bed*), The symptoms.—(*Sitting*), Pressure in lower abdomen; tension of limbs, etc.—(*Talking*), Headache in forehead, etc.—(*When walking rapidly*), In warm air, headache.

Amelioration.—(*Evening*), Stopped catarrh.—(*Open air*), Pressure, etc., in chest, etc.—(*Cold air*), Throbbing headache, etc.—(*Walking in cold air*), Headaches.—(*Washing in cold water*), Headaches; pain in head, etc.—(*Eating*), Headache; qualmishness.—(*Lying down*), Stitches in occiput.—(*While sitting*), Apprehensiveness disappears.—(*Sleep*), General symptoms.—(*When swallowing*), Pain in throat.

IPECACUANHA.

Cephaëlis Ipecacuanha, A. Richard.

Natural order, Rubiaceæ.

Common names (German), Brech-wurzel; Ipecac.

Preparation, Trituration and tincture of the root.

Authorities. (Nos. 1 to 15 from Hahnemann.) **1,** Hahnemann, Mat. Med. Pura; **2,** Langhammer, ibid.; **3,** Lehmann, ibid.; **4,** Stapf, ibid.; **5,** Clark, in Murray, Appar. Med., I, p. 814 (effects when given in dysentery, without relief); **6,** Cleghorn, Diseases of Minorca, p. 249 (when given in dysentery); **7,** Fothergill, Med. Obs. and Inq., Art. XVIII, when given in chronic diarrhœa; **8,** Geoffroy, Traité de la Mat. Med., II, p. 92, accidents liable to happen to those who powder the drug; **9,** Gmelin, Untersuch., etc., 1793 (no obs. about Ipecacuanha in ed. of 1787); **10,** Hillary, Air and Diseases of Barbadoes (page 215, as Cleghorn); **11,** Heller (D. Nat. A.), in Hufel. Journ., XXVII, 1, p. 51 (effects when given in chronic agues; subject of nearly all the symptoms had had six paroxysms already;

his face was yellow, and the præcordia tender); **12,** Lemery, Traité Univ. des Drog. Simpl., p. 438, from the powder drawn into the nose, Hahnemann; (from taking Ipecacuanha in large doses of powder), local irritations obviated by moistening it; **13,** Murray, Med. Pr. Biblioth., III, p. 237 (not accessible); **14,** Pye, Hughes, Med. Obs. and Inquir., Art. XXII, p. 266 (after ineffectual attempts at vomiting); **15,** Scott, in Edin. Med. Com., IV, p. 74 (effect of powdering Ipecacuanha at a distance in one idiosyncratically susceptible to its influence); **16,** Bock, Inaug. Diss., Dieppe, 1830 (A. H. Z., 32, p. 63), took repeated doses of ½ to 15 grains; **17,** Lembke, A. H. Z., 37, p. 125, proving with ½ grain, repeated after half an hour; **18,** Robinson, Br. Journ. of Hom., 24, p. 515, a man took 3d dilution three times a day; **19,** Prieger, Rust's Mag., 1830, vol. 32, effects of powdering Ipecacuanha in a man who had suffered from habitual cough and catarrh; **20,** Bullock, Lond. Med. Gaz., 1836, p. 701, a man affected on entering a room where Ipecacuanha was being prepared; has been affected the same way a dozen times; **21,** Patterson, Bost. Med. and Surg. Journ., 1843, p. 411, effects of using Ipecacuanha in his practice (he had catarrh five years before asthma commenced); **22,** Turner, Bost. Med. and Surg. Journ., 1843, p. 229, effects of dust while preparing Ipecacuanha; **22** *a*, same, took ½ drachm of powdered Ipecacuanha in tepid water; **22** *b*, effects of a single pill of about 1 grain, twice; **22** *c*, two attacks from exposure to Ipecacuanha; **23,** Hannay, Edin. Med. and Surg. Journ., 1843, p. 322, effects of liniment of Ipecacuanha; **24,** Payne, Western Journ. of Med. (Bost. M. and S. Journ., 1844, p. 84), effects of inhalation while filling a jar; **25,** Robertson, Am. J. Med. Sc., 1844, p. 252, from West. J. of Med., effects of inhalation while preparing a powder of Ipecacuanha; **25** *a*, effect of wine of Ipecacuanha for deranged stomach; **25** *b*, same, another inhalation; **25** *c*, same, touched tongue to wine of Ipecacuanha; **25** *d*, same, sequela to attacks; **26,** Roberts, from Pereira, effects of remaining in a room while preparing Ipecacuanha; **27,** Tamhayn, Journ. of Pharm. and Therap., I, 397, effects in an apothecary of powdering Ipecacuanha; **28,** Stillmann, Am. J. of Hom. Mat. Med., 1875, p. 367, effect of syrup of Ipecacuanha in a child eighteen months old, teaspoonful doses repeated every ½ hour till it vomited.

Mind.—Emotional. *The child cries and screams violently and incessantly; sticks its fist into its mouth; its face is pale and the body rather cool (after one hour),[1].—His mind is full of wishes and longings, but he does not know for what,[1].—Lively mood; he is inclined to talk, and even to joke,[2].†—Whining mood; must be carried about,[28].—He does not speak a word,[1].—Takes no delight in anything; nothing pleases him,[1].—His courage sinks, and he is extremely inclined to be peevish and ill-humored,[1].—He is thoughtful, fearful, and thinks trifles are very important (after six hours),[1].—Ill-humored; he thinks that he is very unhappy,[1].—[10.] Ill-humored the whole day; had no desire to talk, and was inclined to weep,[2].—Ill-humored and vexed that his business does not proceed fast enough,[1].—Ill-humored, quiet, retired in himself, scorning everything,[1].—*Morose mood that scorns everything, and desires also that others shall not appreciate or value anything,*[1].—He is averse to everything,[1].—Extremely inclined to be obstinate and fretful,[1].—*Extremely impatient,*[1].—He becomes exasperated at the slightest noise,[1].—He frequently becomes angry at the merest trifles; and again just as easily and speedily can be quieted (after

† Curative reaction from the previous opposite condition of mind.—HAHNEMANN.

five hours),[1].—***Intellectual.*** Disinclination to work,[3].—[20.] Aversion to literary work; ideas fail him (after twenty-nine hours),[3].—His flow of ideas is very slow,[1].

Head.—Confusion and Vertigo. Confusion of the head,[17].—Vertigo (after a quarter of an hour),[16].—Vertigo, while walking,[1].—Vertigo, as if the head were reeling hither and thither, with momentary disappearance of thought, only when walking, and especially on turning around (after two hours),[4].—***General Head.*** Heaviness and diminished power of thought (quarter of an hour after 2 grains),[16].—Heaviness of the head, with sleepiness,[3].—Painful heaviness of the head (after two hours),[4].—Feeling of heaviness and pressure in the head (after a quarter of an hour),[16].—[30.] Violent headache,[24].—Tensive headache,[1].—A dull drawing back and forth in the head (immediately),[3].—Pressure in the head and forehead, as if the brain were compressed by two tables (after quarter of an hour),[16].—Pressive headache,[1].—Headache; sticking and heaviness,[1].—Acute and severely sticking headache, in short paroxysms, which after an hour changes to a pressure (after eight hours),[1].—Tearing headache in the morning after rising from bed, lasting till noon, less in the afternoon (after thirty-one hours),[3].—*Headache as from a bruise of the brain and skull, which pierces through all the cranial bones into the roots of the teeth, with nausea,*[1].—***Forehead.*** Headache extending from the forehead to the vertex (after 1 grain),[16].—[40.] Burning pain in the forehead, aggravated by touch (after 8 grains),[16].—Boring pain in the forehead (after half an hour),[17].—Acutely sticking pain in the forehead, caused and aggravated by touching the part,[1].—Tearing pain in the forehead, caused and aggravated by touching the part,[1].—Violent tearing headache in the forehead, aggravated on stooping (after two hours),[3].—***Temples.*** (Constrictive headache in the left temple and above the orbit), (after one hour),[1].—Pressing-out and almost boring pain, at one time in the temples, at another over the orbits in a small spot, which disappears on external pressure, and is relieved by closing the eyes (after one hour),[1].—***Vertex.*** Violent sticking pain in the crown of the head,[1].—***Parietals.*** Pain externally on the parietal bone, as from a thrust with a dull point (after half an hour),[1].—***Occiput.*** Painfulness of the occiput and nape of the neck, caused by moving the head (after two hours and a half),[4].—[50.] Tensive pressive headache in the occiput and nape of the neck, which extends into the shoulders (after three hours),[4].

Eye.—Objective. Inflammation of the eyes,[8].†—Eyes a little inflamed,[15].‡—***Subjective.*** Pain in the eyes like that in the head, the eyeballs seemed forced out of their orbits and objects seemed befogged,[16].—Awakened at 3 A.M., by raging pain, more severe in the right, less in the left eye, with excessive lachrymation, which soaked the pillow, and loss of vision (first night),[27].—Intense tearing pains, especially in the right eye, extending but a little way towards the temple; on opening the right lids, which were swollen, a copious gush of tears; the conjunctiva of the bulb was injected and infiltrated; the tunica vaginalis swollen, the cornea dim as if infiltrated; on close examination there were noticed a number of small depressions; the iris seemed congested and had a dull look, the pupils contracted, reacting but little or not at all in the light; vision completely lost; after eight weeks these symptoms appeared in the left eye after again pounding Ipecac., but this time associated with nausea and inclination to

† Local effect.—HUGHES. ‡ Original revised by Hughes.

vomit; a third time, after several months, after pounding Ipecac, he was awakened in the night by tensive pains in the eyes, lachrymation, loss of vision, etc.; a fourth time after pounding Ipecac, he experienced a slight biting and pressing pain in the eye, light blinded him and increased the pain, the conjunctiva became red and chemosed, and again there was copious lachrymation; this time the right eye was most affected, vision was lost; with the left eye the patient saw fiery rings with rainbow colors,[27].—Severe stitches above the eye on stooping, with a sensation as if it were swollen (after twenty hours),[1].—***Lids.*** Lids, especially the right, swollen,[27].—*Hardened mucus in the external canthi* (after seven and a half and twelve hours),[2].—Dryness of the lids, with sleepiness (after eight hours),[1].—***Lachrymal Apparatus.*** [60.] Eyes suffused,[20].—Effusion of tears,[24].—***Pupil.*** *Dilatation of the pupils* (after two hours and a half),[2].—*Pupils easy to dilate* (after eight hours),[1].

Ear.—Pressive pain extending from the concha into the drum, then to the occipital protuberance (after twenty-eight hours),[3].—Dulness of hearing in the right ear, with pressure in it,[3].

Nose.—Objective. Sneezing,[20].—Much sneezing, with thin nasal mucus (after half an hour),[17].—Violent repeated sneezing,[3].—Paroxysms of sneezing, almost sufficient to throw me from my saddle, lasting about two hours and gradually subsiding, with cough and expectoration (after ten or fifteen minutes),[21].—[70.] Catarrh, with drawing pains in all the limbs,[1].—Nosebleed,[8 12 13].†—***Subjective.*** Feeling of dryness in the nose and frontal sinuses (after three hours),[1].—Feeling of dry catarrh in the nose, as if the nostrils were too dry (after three hours),[1].—Attacks of asthma seemed to commence generally with a feeling of irritation of the nasal membrane, which rapidly extended to the bronchi and all their ramifications,[25b].—Most harassing titillation of the nostrils,[21].

Face.—Objective. Countenance anxious and livid,[20].—**Face pale and puffed*,[28].—**Pale, sunken face* (after half an hour),[17].—**Pale face, with blue rings around the eyes*, and great weakness, as after a prolonged severe illness,[1].—His appearance became quite yellow (after seven or eight days),[18].—***Lips.*** [80.] Biting sensation on the lips,[1].—Sensation in the corners of the mouth as if they were sore, when touched, and on moving the lips,[1].

Mouth.—Teeth. Pain in the teeth as if they would be torn out, paroxysmal (after eight hours),[1].—Extremely violent pain in a hollow tooth when biting anything, as if it would be torn out, even to crying out and screaming, followed by constant tearing in it (after one hour),[1].—***Tongue.*** Burning in the tongue and upper lip (after a quarter of an hour),[16].—A biting sensation on the margin of the tongue,[1].—Biting on the margins of the lips, tip, and sides of the tongue, with accumulation of watery saliva in the mouth, and some pain in the abdomen (after half an hour),[4].—A sensation on the back part of the tongue and on the palate, like that caused by chewing liverwort or Artemisia dracunculus, which profusely increases the saliva,[1].—***General Mouth.*** Dryness and rawness in the mouth, especially in the pharynx (after half an hour),[3].—In an instant that peculiar, burning, indescribable sensation was felt in the mouth, which rapidly extended itself to the fauces and down the throat and bronchia, and for two hours I suffered greatly, and had considerable dyspnœa, all of which gradually disappeared,[25c].—[90.] All parts of the mouth much too sensitive and almost painfully so,[1].—***Saliva.*** **Increased flow of saliva*,[17].—**Increased*

† As S. 51.—Hughes.

accumulation of saliva (after a quarter of an hour),[16].—**Profuse accumulation of saliva in the mouth* (after two hours and a half),[3].—**Profuse accumulation of saliva*, for some hours,[1].—*Profuse accumulation of saliva*, with much nausea and a sensation as if it would amount to vomiting,[17].—Saliva runs from the mouth on lying down,[1].—***Is constantly obliged to swallow saliva** (after one hour),[1].—Very much thin saliva (after half an hour),[17].—[Salivation],[14].†—***Taste.*** [100.] Flat taste in the mouth,[1].—Taste in the throat as from rancid oil, while swallowing (after a quarter of an hour),[1].—Beer tastes flat (after two hours),[1].—The customary tobacco has a nauseous taste when smoking and causes vomiting,[3].

Throat.—Dryness of the throat (one quarter of an hour after 2 grains),[16]. —Immediately in the throat and stomach a totally indescribable sensation, but as intolerable to be borne (if life could have been sustained under it), as if I had taken a drink of melted lead; it was so overpowering that I was unable to think of any method of relief, but in the most distressing agony leaped out of bed and rolled over the floor, from side to side of the room; at length I was urged to drink copiously of warm water, which produced some vomiting and some mitigation of my intense suffering; the distress slowly subsided, and settled into one of my worst attacks of asthma,[25a].—Spasmodic contractive sensation in the throat and chest,[15].—Dull stitches transversely through the throat into the inner ear,[1].—Sore throat,[8].‡ ***—Fauces and Pharynx.*** Dry, burning sensation in the fauces, amounting almost to suffocation,[20].—[110.] Fine sticking in the pharynx (after half an hour and one hour),[1].—Pain in the pharynx as if it were much too dry, raw, and sore, which is always relieved for only a short time by swallowing saliva or the usual drink (after one hour),[1].—***Swallowing.*** Swallowing difficult, as from paralysis of the tongue and pharynx (after eight hours),[1].—Pain on swallowing, as if there were a swelling in the pharynx (after one hour),[1].

Stomach.—Thirst. Loss of thirst,[1].—***Eructation.*** Eructations (after a quarter of an hour),[16].—**Eructations every eight to ten minutes, also the following day, with rumbling in the abdomen*,[3].—Empty eructations,[17]. ***—Nausea and Vomiting.*** ***Nausea** (after a quarter of an hour),[16 17]. —***Nausea, as from the stomach, with empty eructations and accumulation of much saliva** (after half an hour),[2].—[120.] Nausea rising from the stomach with hiccough, only at last disappearing after several pasty stools, immediately after smoking tobacco as usual (after fourteen hours),[2].— **Nausea, qualmishness*,[4].—**Nausea, qualmishness, and efforts to vomit* (after one hour and a quarter),[3].—**Nausea and vomiting**,[1].—(Nausea and heaviness in the abdomen),[1].—At times nausea and convulsive but ineffectual efforts to vomit,[21].—Slight degree of nausea,[22].—***Distressing nausea**,[5].— Qualmishness in the abdomen, with incipient colic,[3].—**Inclination to vomit* ($\frac{1}{2}$ grain),[17]; (a quarter of an hour after 2 grains),[16].—[130.] Great inclination to vomit, several times, at momentary intervals,[17].—Severe inclination to vomit (after 4 grains),[16].—Vomiting, and a feeling as if he would fall down, on stooping,[3].—Vomiting (after half an hour), followed by great inclination to sleep (after 15 grains),[16].—Vomiting, repeated three times,[19]. —Vomiting of food, without previous eructations, on stooping (after one hour and a half),[3].—[Vomiting of large masses of mucus],[11].—[Vomiting of masses of yellow mucus],[11].—[Vomiting of grass-green mucus],[11].—

† Omit Heller, and note, "after ineffectual attempts to vomit."—HUGHES.
‡ As S. 51.—HUGHES.

[Vomiting of green bilious mucus],[11].—[140.] [Vomiting of large pieces of offensive mucus],[11].—Vomiting of food; mucus yellow, green, black; empty retching; vomiting of everything swallowed,[28].—***Stomach.*** Rumbling in the stomach (soon),[17].—Warmth in the stomach,[17].—Agreeable warmth in the stomach, with rumbling in the intestines (after a quarter of an hour),[16].—Sensation of emptiness and laxity of the stomach,[1].—**Sensation as if the stomach hung down relaxed, with loss of appetite* (after one hour),[1].—[Excessive pain in the stomach],[11].—Violent griping in the stomach (after 4 grains),[16].—Dull sticking pain in the pit of the stomach, as from a sharp stick,[3].—[150.] [Extremely sore feeling in the stomach],[11].

Abdomen.—Hypochondria. **Pinching pain in both hypochondria and in the region of the pit of the stomach* (after three hours),[1].—Violent stitches in the left hypochondrium (after half an hour),[1].—***Umbilical and Sides.*** *Cutting pain about the umbilicus, with shivering,*[1].—Cutting pain about the umbilicus, as if menstruation would appear, with chilliness and coldness of the body, while internally heat mounts into the head (after two hours),[1].—Cutting pain in the side of the abdomen, in the umbilical region, aggravated by touch and external pressure, accompanied by white frothy saliva in the mouth and dilated pupils (after one-eighth of an hour),[1].—(Sticking pains in the abdomen, and burning and sticking in the rectum with urging to stool),[1].—Violent stitches in the right flank for several minutes,[3].—Tearing pains about the umbilicus,[1].—Colic in the umbilical region, aggravated by pressure,[17].—***General Abdomen.*** [160.] Abdomen distended, with constant pain,[17].—Distension of the abdomen (4 grains; quarter of an hour after 2 grains),[16].—Feeling of extreme distension and enlargement of the abdomen,[1].—Uneasiness in the abdomen (after half an hour),[1].—Griping in the abdomen (after quarter of an hour),[16].—**Clawing griping in the abdomen, as if grasped by a hand so that each outstretched finger pressed sharply upon the intestines, relieved by rest, extremely aggravated by the slightest motion,*[1].—Pinching pain and distension in the abdomen (after 1 grain),[16].—Pinching colic (after half an hour),[17].—Colic (quarter of an hour after 2 grains),[16].—Colic with rumbling in the intestines (after 8 grains),[16].—[170.] Flatulent colic,[1].—***Hypogastrium.*** On coughing, pain in the abdomen as if obliged to urinate and the urine could not pass, as in retention of urine,[1].

Anus.—Sticking, cutting, burning pain on the margin of the anus, as in obstinate hæmorrhoids (after three-quarters of an hour),[1].—Violent stitches in the anus,[1].—Crawling in the anus, as if threadworms would extrude,[3].

Stool.—**Stools like diarrhœa, as if fermented* (after one hour),[1].—Purging,[13].—Frequent thin stools, with a weak sensation in the abdomen,[3].—**Stools frequent, of greenish mucus,*[28].—Soft stool (after two hours),[17].†—[180.] (Thin stool, with burning sticking pain in the rectum and anus),[1].—(Stools lemon-yellow),[1].—(Porraceous stools),[1].—[Grass-green stools],[11].—Offensive stools,[1].—**Bloody stools,*[15].‡—Fecal discharge covered with red bloody mucus.[1]

Urinary Organs.—Urethra. (A purulent fluid flowed from the urethra of a child for several days, with biting pain),[1].—***Micturition.*** Inclination to urinate, although urine had been passed an hour and a half

† The second the same morning, contrary to his habit.

‡ This and S. 192, 213, represent the following: She coughed up at times some small quantities of blood, and had also some mixed with her stools and urine.—Hughes.

before, and nothing had been eaten or drunk since,[17].—Frequent desire to urinate, with scanty discharge (after two hours, and two hours and a quarter),[2].—[190.] (Frequent micturition of straw-yellow urine, with great burning and urging before the discharge, without subsequent tenesmus), (after two hours),[4]. ***Urine.*** *Urine red, scanty,[1].†—Bloody urine,[15].‡—Urine became bloody (after seven or eight days),[18].—[Urine turbid with a brickdust sediment],[11].

Sexual Organs.—Male. Voluptuous itching on the glans penis, while standing, which obliges scratching (after three hours and a half),[2].—Twisting drawing pain in the testicles (after eight or ten hours),[1].—Sticking in the testicles, when resting one thigh over the other (after two hours),[2].—***Female.*** Pressing and dragging towards the uterus and anus,[1].—A show of the menses fourteen days before their time,[15].§—[200.] The bloody discharge at the close of menstruation was suppressed,[1].‖

Respiratory Organs.—Larynx. *Rattling noises in the air-passages during respiration,[1].—Dryness, burning, and scraping in the larynx (after 8 grains),[16].—***Cough and Expectoration.*** **Cough caused by a constrictive tickling sensation extending from the upper portion of the larynx to the lowest extremity of the bronchi* (after four, six, and seven hours),[1].—***Cough causing inclination to vomit without nausea** (after one hour),[1].—Cough incessant after walking in the cold air and after lying down in the morning and evening, caused by deep inspiration; accompanied by pain in the abdomen as if the umbilicus would be torn out, heat in the face (head) and sweat on the forehead,[1].—Violent and convulsive cough,[20].—Extremely violent convulsive cough between 6 and 7 P.M.,[9].—***Suffocating cough, whereby the child becomes quite stiff and blue in the face** (after ten hours),[1].—**Suffocative racking, very exhausting cough, lasting an hour, towards evening,*[9].—[210.] *Suffocative, extremely exhausting cough,* lasting half an hour, with coldness of the extremities, about 7 P.M.,[9].—***Dry cough caused by tickling in the upper part of the larynx** (after two, three, and five hours),[1].—Cough with expectoration of thick disagreeable, metallic-tasting mucus,[15].¶—**Cough, with expectoration of blood,*[8 13 15].††—Throbbing pain in the head and pit of the stomach, after coughing,[1].—When expectoration became free, and mucus was formed in great quantities by the mucous membrane of the bronchia, in the morning, after resting through the night from the cough, expectoration would commence freely on stirring about a little, and mouthfuls would be thrown up, which any person at first sight would have pronounced to be a mass of small, nearly transparent worms; on close examination I discovered it to be thickened mucus which had collected in the small ramifications of the bronchial tubes during sleep, and was actually discharged so as to be *real casts of those tubes;* this would sometimes be thrown up in such quantities, in the morning, that it really surprised me that sufficient air could have passed through the lungs for the purposes of life while sleeping,[25d].—***Respiration.*** Instead of the ordinary wheezing, the muscles of respiration seemed tetanically convulsed,

† Compare S. 171.—HAHNEMANN.

‡ See note to S. 185.—HUGHES.

§ Original revised by Hughes.

‖ From the secondary or antagonistic reaction of the system: **For the primary action of Ipecac causes bloody discharges from all the orifices of the body, and especially brings on menstruation;* hence it homœopathically cures such conditions as these when the other symptoms of the patient correspond to those of Ipecac. Compare S. 154, 198, etc.—HAHNEMANN.

¶ As the asthmatic paroxysms of S. 236 passed off.—HUGHES.

†† See note to S. 185.—HUGHES.

producing a condition not unlike what is denominated "holding the breath," with slight sighs or catches at intervals barely sufficient to keep the wheels of life from ceasing altogether (in two instances); on the first occasion relief was obtained by swallowing two drachms of *Eth. sulph.*; on the other, where the interrupted breathing had continued fearfully long, and where swallowing was impossible, inhaling the fumes of burning paper previously saturated with *Nitras. potass.*, alleviated the symptoms almost instantaneously,[22c].—In about the usual time for an emetic to operate, there seemed to be a simultaneous effort to breathe, cough, and vomit, while neither of these functions was performed in any degree of perfection, producing a state of suffering indescribable by words; the whole muscles of the chest and abdomen seemed in a state of violent irregular spasm, every effort to vomit being interrupted by an attempt to cough; and notwithstanding a cold March wind was blowing, it became necessary to open the windows and support me in an erect position for nearly an hour to prevent immediate suffocation; at the end of about an hour, without any previous mitigation of symptoms, I was almost instantaneously and completely relieved; on the appearance of the eruption,[22a].—Sudden attack of troublesome shortness of breath with a wheezing noise,[15].†—*Attack of suffocation*, lasting two to three days,[15].—[**220.**] Most violent attack of suffocative constriction in the air-passages and pharynx, face deathly pale, with most frightful anxiety for want of air,[19].—* *Cough impedes respiration, even to suffocation*,[1].—***Dyspnœa**,[1 13].—Dyspnœa, or suffocating sensation of stricture of the chest, and a most distressing oppression at the præcordia,[21].—Dyspnœa for several hours,[1].—Dyspnœa in the evening,[1].—Dyspnœa renewed after twenty-four hours, from 10 P.M. till 10 A.M., for eight days,[15].—**Immediately seized with most urgent dyspnœa, with a sense of constriction across the chest, accompanied with violent and convulsive cough*, which, together with the sneezing, continued for some time, until at length his countenance became anxious and livid,[20].—**Dyspnœa comes on in a violent degree*, **attended with wheezing and great weight and anxiety about the præcordia** (in a few seconds); the attack generally remains about an hour, but I obtain no relief until a copious expectoration takes place, which is invariably the case,[26].—*A severe paroxysm of asthma*, continuing several days (after eight or ten hours),[22b].—[**230.**] **Severe and convulsive paroxysm of asthma*; the danger of suffocation seemed imminent in the extreme (after ten or fifteen minutes),[21].—The paroxysms usually came on suddenly, preceded by tickling in the nostrils and sneezing, and continued from three days to three weeks, during which I was unable to remain in a recumbent position,[22].—Suddenly seized with a violent attack of asthma, attended with the most distressing dyspnœa and oppression at the præcordia; bleeding and active cathartics relieved the attack in five or six days,[25].—**Spasmodic asthma, with great constriction in the throat and chest*, **with which a peculiar kind of wheezing noise is heard**,[15].‡

Chest.—Peculiar uneasiness in the chest, which caused me to withdraw; this becoming somewhat less, I returned to the operation, but before I had emptied all of the article out of the paper, the sensation in the lungs grew so distressing that I was alarmed; great difficulty of breathing, with a sense of suffocation; a dry, hacking cough,[24].—Contractive sensation be-

† Original revised by Hughes.

‡ In two women, caused by the dust of the powder in a distant room, the distress continued fourteen days.—HAHNEMANN.

neath the short ribs,[1].—**Constriction of the chest, with shortness of breath and wheezing respiration; she was obliged to open the window and gasp for air, with paleness of the face, scarcely perceptible pulse, and apparent danger of suffocation*, from evening till 9 A.M.,[15].†—(Griping (jerking-tearing?) pains in the right chest, beneath the shoulder, of short duration),[1].—Pressure in the chest (a quarter of an hour after two grains),[16].—*Oppression of the chest*,[19].—[240.] **Oppression of the chest in the forenoon, with shortness of breath, as if he were in a great dust, and could not breathe on account of it*,[1].—Oppression of the chest after eating,[1].

Heart and Pulse.—[Indescribable aching about the heart (pit of the stomach?)],[11].—Palpitation,[1].—Palpitation, almost without anxiety,[1].—Quick pulse,[24].—Pulse rapid,[20].

Back.—(Pinching pain between the scapulæ on motion),[1].

Extremities in General.—Creaking and cracking in the joints,[1].—Sleepiness and heaviness in all the limbs (after two hours),[3].—[250.] *Pains in the joints, as is usual when the limb goes to sleep* (after three hours),[1].—Drawing pain in the bones of the upper arm and thigh in the evening after lying down (after five hours),[1].—Pressive and spasmodic pain in the hollow of the right knee and in the left arm, aggravated by touch (after four grains),[16].—*Pain, as if bruised in all the bones* (after three hours),[1].—When she wishes to sleep, she feels shocks through all the limbs,[1].

Superior Extremities.—Sudden spasmodic contractions of the arms,[1].—Pinching pains in the right arm (after three hours),[1].

Inferior Extremities.—Twitching of the lower limbs,[28].—Weariness of the lower extremities (after four grains),[16].—Pinching pain in the left hip, extending from the crest of the ilium to the great trochanter (after four grains),[16].—[260.] Weariness of the thighs and lower limbs (after eight and nine hours),[1].—Pains shooting, as it were, from the right kidney down the thigh of the same side to the knee-joint, like cramp (after seven or eight days),[18].—Pain in the knee, as if the tendons and ligaments were wearied by a long walk,[1].—Pain in the left knee, as if sprained, especially when walking; seldom and unnoticed while sitting (after one hour),[4].—Some stitches in the right tibia (after four grains),[16].—Twitching and crawling in the muscles of the calf, as if a limb were asleep,[1].—The feet feel weary,[17].—Pinching pain in the right foot (after four hours),[1].

General Symptoms.—Objective. A swaying to and fro of the body to either side, as in drunkenness, with stupefaction of the head, while walking in the open air in the evening (after ten hours),[2].—Stiffness of the body,[28].—[270.] ***The body of the child is stretched out stiff***,[1].—**The whole body is outstretched, stiff, whereupon a spasmodic contraction of the arm follows* (after a quarter of an hour),[1].—Opisthotonos,[28].—Symptoms of emprosthotonos and opisthotonos (after ten hours),[1].—He is awkward, clumsy, and knocks against everything,[1].—Very weak, indolent, depressed, and chilly (after half an hour),[17].—**Extreme weakness* (after one hour),[22a].—Exhaustion,[15].—Extreme restlessness; it continued three days,[28].—***Subjective.*** Excessive sensitiveness to cold and warmth,[1].—[280.] Anxiety in the blood in the morning on waking, as if he had been in great heat, or had perspired profusely, or were awakened by anxious dreams, though he was neither hot nor sweaty, together with heaviness in the head, as if the brain were compressed,[1].—On waking, a peculiar sensation of lightness,

† Original revised by Hughes.

with good appetite (after one hour and a quarter),[17].—(Sticking pains here and there in the body, caused by motion, ending in burning),[1].

Skin.—Objective. Very numerous small papulæ and vesicles, seated on a deep-red base of irregular extent (after about thirty-six hours, or sooner); they become flattened in a short period, and assume the pustular character; many of them run together, are confluent, the part feels hot to the hand of another, and a tingling sensation, never amounting to pain, is experienced by the patient; the eruption endures pretty vividly for a few (three) days, during which the pustules become covered with a scablike scale and fall off, leaving no mark; they never ulcerate,[23].—Burning heat over the whole surface of the body, which was found to proceed from a kind of erysipelatous eruption, covering every portion, similar to what is seen after exposing the naked skin to the burning sun; the patches were circular, and varied from the size of a sixpence to that of the palm of the hand, considerably elevated, with thick rounded edges, and of a fiery color (after one hour),[22a].—[Lips covered with eruption externally],[11].—[Lips covered with aphthæ and scabs],[11].—(Nettlerash on the forehead, extending into the hair and down on the cheeks),[1].—(Tetterlike eruption on the wrist and about the arms, which itches most in the evening and after lying down; after scratching, red pimples appear on the skin, though the itching does not cease),[1].—***Subjective.*** Feeling of formication on the calf (after four grains),[16].

Sleep and Dreams.—Sleepiness. [290.] Yawning and stretching after eating,[1].—Frequent yawning (after a quarter of an hour),[16].—Sleepiness,[1].—Sleepiness (after one grain),[16].—Sleepiness, weariness (after two hours),[4].—Sleep, immediately,[1].—Sleep, with half-opened eyes (after six hours),[1]—***Sleeplessness.*** Uneasy sleep,[15].—Sleep full of restlessness and sobbing,[1].—Sleep interrupted by frequent waking and frightful dreams (after ten hours),[1].—[300.] *He starts up in sleep*,[1].—Sobbing fearfulness during sleep,[1].—***Dreams.*** Vivid unremembered dreams, with frequent waking, as from wakefulness, at night,[2].

Fever.—Chilliness. He became cold over the body,[1].—He has no warmth at all in his body,[1].—Chilliness,[17].—Chilliness; he is unable to endure the slightest cold,[1].—**Chilliness, followed by heat, and afterwards perspiration*, coming on after the pain in the eye had lasted for some time,[27].—Frequent chilliness,[17].—Constant chilliness beneath the skin, and more when sitting in a warm place,[1].—[310.] Chilly, feverish, and thirsty (after seven or eight days),[18].—Chilly the whole night in bed; was unable to sleep on account of chilliness,[1].—**External coldness with internal heat*,[1].—Shivering, with yawning (after half an hour),[1].—Shivering, with eructations,[1].—**Febrile paroxysm, first shivering, then chilliness, with coldness, without thirst*, about 4 P.M. (after five hours),[1].—Shivering coldness in the limbs, immediately, as if one were startled by something,[3].—Hands cold and moist,[17].—One hand is cold,[1].—The hands and feet are icy cold, and wet with cold sweat, with redness of one cheek and paleness of the other; he feels extremely sick and weak in mind and body, with dilated pupils (after ten hours),[1].—[320.] ***Heat.*** Heat of the whole body in the evening,[1].—Sudden general heat about 4 P.M., with perspiration on the arms and back (after sixteen hours),[1].—A violently increasing, almost burning heat (sensation of heat) in the head and over the whole body, though with cold hands and feet; as the heat increases to its greatest severity, some perspiration breaks out on the trunk and head, with biting-itching, especially on the neck (after one hour),[3].—External without internal heat (after several

hours),[1].—Feeling of warmth, extending from the abdomen up into the chest, and at times accompanied by sticking (after eight grains),[16].—(Heat and redness of the face, without thirst),[1].—Feeling of heat in the cheeks, even perceptible externally, though without redness (after three hours),[4].—Sensation of heat in the afternoon and evening, almost burning, in the head, on the forehead and cheeks, without thirst (after six hours),[4].—Would not be covered or bear much warmth,[28].—***Sweat.*** [Sweat],[7].—[**330.**] Sweat on the night after beginning to take the drug,[6].†—[Profuse, sour sweat, with turbid urine],[11].—[Perspiration, lasting several hours],[10].—Perspiration about midnight (after twelve hours),[1].—[Sour-smelling perspiration],[11].

Conditions.—**Aggravation.**—(*Morning*), After rising from bed, tearing headache; on waking, anxiety in blood.—(*Afternoon*), Between 6 and 7 o'clock, convulsive cough; towards evening, suffocative cough; about 7 o'clock, suffocative cough; about 4 o'clock, general heat.—(*Evening*), Dyspnœa; heat of body.—(*Night*), From 10 P.M. till 10 A.M., dyspnœa; from evening till 9 A.M., constriction of chest, etc., in bed, chilly.—(*Walking in cold air*), Cough.—(*Coughing*), Pain in abdomen.—(*After eating*), Oppression of chest.—(*After lying down*), In morning and evening, cough, etc.—(*Motion*), *Griping in abdomen;* pain between scapulæ.—(*Pressure*), Colic in umbilical region.—(*Stooping*), Headache in forehead; stitches above eye; vomiting, etc.—(*Touch*), Pain in forehead; pain in umbilical region; pain in hollow of knee, etc.—(*Walking*), Vertigo; especially on turning around, reeling vertigo; pain in knee.—(*Sitting in warm place*), Chilliness.

Amelioration.—(*Closing eyes*), Pain in temples, etc.—(*Pressure*), Pain in temples, etc.—(*Rest*), Griping in abdomen.—(*Sitting*), Pain in knee.

IRIS FLORENTINA.

Iris Florentina, L., and Iris Germanica, L.

Natural order, Iridaceæ.

Common names, White flag, Orris root; (Fr.), Irisine; (G.), Schwert-lilie.

(Orris root is obtained from the above species, and from Iris pallida (all very closely allied botanically) without distinction.)

Authorities. **1,** Dr. Aumont reported to the French Academy of Medicine (1825) the cases of two girls who put a considerable quantity of Orris root into their hair on going to bed; **2,** Amer. J. Med. Sc., 19, 260, 1836, a young lady, aged 18, used the powder on her hair (from Ann. d'Hyg. et de Med. legale, 1835).

Mind.—Delirium, from which she did not fully recover for three months,[2].

Head.—Giddiness, on waking in the morning,[1].—Violent headache, on waking in the morning,[1].

Throat.—Pain and heat in throat similar to that produced by Cantharides,[1].

Stomach.—Disposition to vomit,[1].

Stool.—Diarrhœa,[1].

Urinary Organs.—Difficult urination,[1].

Neck.—Redness of neck,[1].

General Symptoms.—Convulsions, from which she did not fully

† Original revised by Hughes.

recover for three months,[2].—[10.] Complete paralysis of the right side for five hours (in the younger of the two),[1].

Sleep.—A kind of sleepiness,[1].—Uneasy sleep,[1].

IRIS FŒTIDISSIMA.

Iris fœtidissima, Linn.

Natural order, Iridaceæ.

Preparation, Tincture of the root.

Authorities. Berridge's provings, N. Am. J. of Hom., N. S., 1, p. 358: **1**, Dr. Croker chewed a piece of the root; **2**, A patient (?) took half an ounce of a dilution of 2 drs. of tincture in 8 ounces of water, and observed new symptoms; **3**, Mr. —— took a dose of the 72d cent. potency, first, sixth, seventh, eighth, tenth, twelfth, fourteenth, and fifteenth days; **4**, Miss —— took a dose of 71st potency; **5**, Berridge took 71st potency, repeated doses for five days; **6**, Mr. —— took 147th potency, first, second, and third days; **7**, Mr. ——, effects observed after potentizing the drug; **7** *b*, same took a dose of 14th dil.; **8**, Mr. —— took a dose of 71st dil.; **9**, Mr. —— took a dose of 71st dil.; **10**, same took 123d dil.

Mind.—Makes mistakes in writing and speaking; puts right for left, and *vice versa*, and I for you; (the abovementioned sides, right and left, I carefully ascertained to be correct), (sixth day),[7b].

Head.—Vertigo. Lightheaded; felt as if head were going round, and as if he would fall to left side; objects seem to run into one another; becoming confounded had to stand still to recover himself; this lasted two or three minutes, at 3.30 P.M. (fourth day),[9].—Sensation as if he would fall to the left; in fact he staggered a little to the left, when walking down a street, in the evening (first day),[7b].—Staggering to the left twice when walking in room, directly after rising from bed, at 4.20 A.M. (second day); slight staggering to the left, when rising from kneeling (after eleven hours, third day),[5].—***Forehead.*** Sharp pain all over forehead for thirty minutes (after four hours, first day),[9].—Sensation on right side of top of forehead, as if it were being cut open, about an inch from behind forwards, for three minutes, at 7.30 P.M. (twenty-first day),[7b].—Momentary throbbing in right frontal eminence, immediately afterwards a momentary cessation, as if a heavy weight were being pulled over it, at 8.5 P.M. (seventeenth day),[7b]. —***Temples.*** Pricking as with a needle in right temporal muscle, for one minute, at 5.15 P.M. (eighth day),[7b].—***Vertex.*** Feeling of a piece of ice on centre of vertex (after fifteen minutes),[4].—[10.] Painful boring in right side of vertex, with slight pressure there, for ten minutes, at 7.15 P.M. (fourth day),[7b].—Rheumatic drawing pain in right side of vertex, aggravated by bending head down to read, for ten minutes, at 11.5 P.M. (fourth day),[7b].—Great weight in vertex when the pain in stomach occurs; cannot sit to his business (office work), in the morning; pain at vertex sometimes reaches down to over eyes,[2].—Sharp shoot into brain on left side of vertex, leaving a little feeling of soreness there, but not sore to touch, for one minute, at 10.10 P.M. (sixth day),[7b].

Eye.—Slight twitching in external corner of left supraorbital ridge, for half a minute, at 4.30 P.M. (seventeenth day),[7b].—Twitching in right upper eyelid at intervals during afternoon, from 1.30 P.M. till 7 P.M. (twenty-first day),[7b].—Pricking pain in right upper eyelid, with fulness of forehead, mostly on right side, for half an hour, directly after dinner (1 P.M.), (sec-

ond day),[5].—A feeling at right outer canthus as if it had been bruised; it is felt on working or rubbing that part; the pain is in the integuments, not in the eyeball (thirty-first and thirty-second days); a small stye on inner surface of right upper lid near external canthus; broke the stye, after which the former pain gradually subsided (thirty-third day),[5].—Eyes very sensitive to sunlight, on going outdoors at 10 A.M.; he had to close them and walk on the shady side of the street (ninth day),[7b].

Ear.—External. Cutting pain externally behind right ear (in mastoid process), going a little way down neck, for two minutes, at 10.15 P.M. (eighth day),[7b].—[**20.**] A rather severe, continuous, lancinating pain behind right ear, on a level with meatus and about one inch distant, for two or three minutes, at 10.30 P.M. (eighth day),[3].—***Internal.*** Stitch in right internal ear, from jaw along Eustachian tube, when chewing on that side, for one minute, at 5.20 P.M. (seventeenth day),[7].—Continued stitch from left ear to left tonsil along Eustachian tube, for ten minutes, at 10 A.M. (sixth day),[7b].—Sensation in left internal ear, as if it opened and shut twice, at 6.45 P.M. (fourth day),[7b].—Transitory sensation of fluttering in right internal ear, as if opening and shutting; this was shortly followed by a similar sensation in left ear, and afterwards in both ears at same time; relieved by putting a finger in each ear; it disappeared in right before occurring in left, and in left before occurring in both (within an hour),[7].

Face.—Right side of the face swollen in morning, increasing during day; in afternoon cold air out of doors increased the pain, which was relieved by slight pressure of hand; pain worse on laughing; in evening it became very painful (sixth day); increased; slight pressure of hand and cold water relieved the pain (seventh day),[3].—Slight throbbing in left cheek-bone for one minute, at 2.25 P.M. (fourth day),[7b].—Lips dry, on waking (sixteenth day),[5].—Soreness on pressure under jaw on right side, from angle half way towards symphysis (eighth day),[3].

Mouth.—Teeth. Sensation of sharp coldness in first left upper bicuspid, increased by drawing in the air, during the afternoon (ninth day),[7b].—[**30.**] Dull aching in first lower bicuspid and first upper molar, both of left side, slightly relieved by clenching teeth, at 2.45 P.M., lasting all day (molar is stopped, all other teeth which have been affected are sound), (sixteenth day),[7b].—Stitches in a decayed second left upper molar occasionally, especially when touching tooth with cheek or tongue, or biting on tooth (third day); stitches in same tooth, with dull pressing pain during the interval between the stitches; the pains were worse when lying on the painful side; when lying on painless side they went off and he fell asleep; when he awoke it was always on the painful side (third night); the pains continued at intervals, not affected by hot or cold drinks; in evening on entering a warm room the pain increased to a throbbing, with heat of face, especially left side; on going into a cooler atmosphere the pain ceased (fourth day),[6].—Shooting in first left upper molar tooth, with sensation of coldness in it, for three minutes, at 4.20 P.M. (sixth day),[7b].—Pain in second bicuspid and first molar of right upper jaw, both of which are stopped, at 11 A.M.; towards evening a small swelling on outer side of the corresponding gums (fifth day),[3].—***Gums.*** After midnight, gum-boil burst with great relief to pain, and towards evening the swelling of the face nearly disappeared (ninth day),[3].—***Mouth.*** Clammy feeling in mouth, on waking (third day),[5].—Great burning feeling in mouth and fauces, extending into the stomach, not relieved by cold water or anything else,[1].—***Taste.*** Disagreeable taste in mouth, which lasted some time, on waking (sixteenth

day),[5].—Woke at 7.30 A.M., with a bloody taste in mouth, which went off after cleaning teeth (twenty-third day),[7b].

Stomach.—Burning, as from vitriol, in the stomach,[2].

Abdomen.—[40.] Shifting of flatulence in left side of abdomen, with audible rumbling, when sitting still, going off after standing up, for fifteen minutes, at 4.45 P.M. (third day),[7b].—Slight pinching and griping in bowels, as if diarrhœa were coming on, causing, however, only an ordinary stool, but with passage of much flatus; all being relieved by stool, at 6 P.M.; much shifting of flatus, with slight pinching pains in bowels, after getting into bed; both symptoms relieved by lying on back for a short time, at 11 P.M. (eleventh day),[7b].—Pain in right groin as if inguinal hernia would protrude, for ten minutes, when walking, at 10 A.M. (seventeenth day),[7b].

Rectum and Anus.—Desire to evacuate contents of bowels, whenever he thought about it, lasting a few days (third day),[3].

Urinary Organs.—Severe burning in forepart of the urethra during micturition, and for two minutes afterwards, at 11 P.M. (second day),[7b].—Urine last night and to-day much increased, passed much at a time, but not more often than usual; in afternoon urine pale (seventh day); high-colored, in afternoon after standing, considerably loaded with lithates (it was tested), (eighth day); high-colored, in the morning, with a thick deposit, in the evening (ninth day); slight deposit in evening and night urine (tenth and twelfth days); rather high-colored, no deposit (fourteenth day); rather more high-colored, very slight turbidity (fifteenth day); somewhat high-colored (sixteenth day); slightly so (seventeenth day); slightly high-colored, but quite clear (twentieth to twenty-seventh days); occasionally high-colored for six weeks afterwards,[3].

Respiratory Organs.—Tickling at right side of larynx, as if fine dust were collected there, causing a dry cough for three minutes, at 7.25 P.M. (thirteenth day),[7b].

Chest.—Sharp sticking pain in right lung, as if knives were being thrust into it from the front, for five minutes, at 11.15 A.M. (fifteenth day),[7b].—Sharp stitch through upper half of left lung, from before backwards, at 9.30 A.M. (third day),[7b].—A painful bruised and empty sensation in upper lobe of left lung, extending into left axilla, for three minutes, only when expiring, when lying on left side in bed, at 11 P.M. (twenty-third day),[7b].—***Sides.*** [50.] Sharp pressure on right side of chest, as if the chest were pressed on right lung, for one minute, at 8.40 A.M. (third day),[7b].—Transitory stitch in left side, under last rib, arresting breathing, at 9.30 P.M. (second day),[7b].—A sudden stitch under last rib of left side, whilst riding home in a carriage, at 11.30 A.M. (eighteenth day),[7b].—Sharp shooting in right side of chest, worse on deep inspiration, for two minutes, at 10.45 P.M. (eleventh day),[7b].—A sharp shoot up right side of body from right hypochondrium to middle of right side, causing him to start, at 12.40 P.M. (fifteenth day),[7b].

Heart and Pulse.—Sharp shooting into heart, from before backwards, for one minute, at 2.45 P.M (eleventh day),[7b].—Pulse very soft, more compressible than usual, in the evening (eighth day),[3].

Neck and Back.—Neck. Jactitation of muscles on left side of neck, drawing head suddenly from right side (on which he was lying in bed), towards left, leaving a sensation as if right cervical muscles had been sprained, at 11.15 P.M. (sixth day),[7b].—Occasional pain in left side of neck when moving neck, in afternoon (thirteenth day),[5].—Sensation in left cervical muscles, as if stiff from a cold or sitting in a draft, for ten minutes,

between 6 and 7 P.M. (second day),[7b].—[60.] Sensation as if bruised in left posterior cervical muscles, for one minute, at 6.45 P.M. (sixteenth day),[7b]. —Painful throbbing on left posterior cervical muscles, for five minutes, at 10.40 A.M. (fourth day),[7b].—***Dorsal.*** When sitting bent over a table in the act of writing, very severe aching pain between shoulders, with feeling of tightness there, lasting fifteen minutes, going off gradually by sitting straight up, at 11 A.M. (seventeenth day),[7b].—Was awoke by a violent aching pain below right scapula, as if he had previously received a blow there; the pain extended forwards into the right side of chest, causing a sensation as if the right lung was pressed between the back and chest, with momentary oppression of breathing of right lung; the pain was relieved by lying on the left side and back, aggravated by lying on right; it lasted about ten minutes, in the early morning, before daybreak (second day),[7b].—When washing face with right hand, sudden pain about inner border of *left* scapula as if sprained, leaving a dull aching pain there; the pain was worse in putting *right* arm round to back in order to touch the spot; slightly so with *left* arm; worse on rubbing face with *right* hand; exercising with *left* arm does not affect it; the farther I put *right* arm around to back the more severe is the pain; when in the stooping posture it is much better or altogether gone; worse immediately after rising from stooping; not influenced by expiration or inspiration; putting *left* arm in front of chest does not affect it; *right* arm very slightly so; hitting straight up with right arm and bringing it straight down again somewhat aggravates the pain, but not with the *left;* the pain feels as if it would prevent inspiration, just as a heavy weight would, but in reality respiration is quite easy; pain is worse on bending *right* shoulder round to front as much as possible, with left not so much, at 8.25 A.M.; the pain is not noticed when at rest; aggravations less severe, at 8.50 A.M. (seventh day); still remaining at 10.45 P.M., in putting right hand back to scapula, going off in course of day (eighth and ninth days); when using right arm while dressing, sudden pain as if sprained at inner border of left scapula (just as on previous occasion); worse on putting right arm round to back so as to touch left scapula with right hand; it left a dull aching pain there worse as before; not worse on touching right scapula with left hand; slightly worse by hitting up perpendicularly with either hand, especially right; also worse on brushing hair, especially with right hand, in the morning; pain only felt when putting right hand to back, as before, and there it was less, at 5 P.M. (thirty-fourth day); only slight pain as yesterday afternoon (thirty-fifth day),[5].—***Lumbar.*** Weak feeling across loins, as if tired, when sitting, with slight aching in region of right kidney, for ten minutes, at 10 P.M. (sixth day),[7b].—Slight pain in left lumbar region, for a few seconds, at 10.10 P.M.; had it before during the evening, lasting a longer time; momentary pain again at 10.30 P.M. (first day),[5].—Stitch in left lumbar region, during the act of stooping, at 9.30 A.M.; pain not felt at rest, at 10 A.M.; not nearly so bad on touching back with right hand (seventh day),[5].

Superior Extremities.—Sharp pain, commencing at posterior part of left shoulder-joint, quickly shooting down ulnar side of arm to wrist-joint, continuing all along the arm for one or two minutes, then suddenly disappearing; the place where it commenced was tender to pressure during the pain, at 5.25 P.M. (third day),[7b].—Sensation as if a knife were being thrust into tip of right ring finger, for a few seconds, at 7.10 P.M. (thirteenth day),[7b].—[70.] Violent throbbing along bones of right thumb, for two minutes, at 1 P.M. (twenty-first day),[7b].—Sensation in right little

finger, as if he had received a blow on it, making first phalanx feel stiff and the whole finger bruised, worse when trying to stretch the finger out straight, at 10 o'clock, lasting all day (twelfth day); same sensations on waking, they went off at 2 P.M. (thirteenth day),[7b].

Inferior Extremities.—Hip. Right hip-joint feels dislocated, causing him to limp, from noon to 2 P.M. (second day),[7b].—***Thigh.*** Twitching in right glutæi muscles, when sitting, for two minutes, at 9.5 A.M.; for one minute, when sitting at dinner, at 8 P.M.; while sitting on edge of chair at 9.20 P.M. (twelfth day),[7b].—Cutting pain in muscles of right leg just above knee, on inside, about the insertion of vastus internus and sartorius, for four minutes, at 6.20 P.M (thirteenth day),[7b].—Sudden stinging in a spot in outer side of left thigh for a moment, at 4.10 P.M. (seventh day),[5].—***Leg.*** Jactitation of muscles of left lower leg, drawing entire leg up towards body, at 11.25 P.M. (sixth day),[7b].—***Foot.*** Aching drawing on under side of sole of left foot, extending half way to corresponding side of left calf, increased by trying to cross left leg over right, at 8.20 A.M. (tenth day),[7b].—Sticking pain in sole of right foot, going through to instep, for about five minutes; it occurred when sitting with foot at rest; worse by pressing on ground with toes by means of action of calf muscles, at 10.30 P.M. (second day),[7b].—Lancinating pain in hollow of right sole, leaving a sensation of heat behind for one or two minutes, at 7 P.M. (thirteenth day),[7b].—***Toes.*** [80.] Transitory twitch in second left toe, causing the whole left leg to jerk, at 10.45 P.M. (sixth day),[7b].

Skin.—An itching, raised blotch on right side of forehead, increasing in size when rubbed, which relieved the itching; after rising from bed, at 5.45 A.M.; nearly gone by 5 P.M. (seventeenth day),[7b].—Pimple began to form on middle of chin, at 10 P.M.; it became a boil and was very painful, especially when moving the jaws (eighteenth day); punctured the boil and squeezed out pus (nineteenth day); still some remains of boil (twentieth day),[7b].—On inner side of upper thigh (left) rather posteriorly, is a rather large red pimple, with some redness around it, tender to the touch and painful to the friction of the clothing while walking (thirteenth day); pimple has become a pustule, which I opened and squeezed out pus (fifteenth day),[5].—A number of small red, circular, not elevated spots, came out round lower part of left leg, one being close to ankle, at 12.30 P.M.; they itched very much, and after rubbing became burning, lasting about three-quarters of an hour, and leaving a scab after scratching (fourteenth day),[7b].—One of the pimples on leg, which was scratched to bleeding, is still to be seen as a red, elevated spot, without itching, at 5 P.M. (seventeenth day),[7b].

Sleep and Dreams.—Not much sleep, restless towards morning (sixth night),[3].—Woke on back, with clammy feeling in mouth and slight perspiration (third day),[5].—Lying on right side, with saliva flowing out of right corner of mouth, on waking at 7.45 A.M. (eighteenth day),[7b].—Woke lying partly on back, partly on right side, with hands placed flat on chest, the right being higher up than the left and left leg partly drawn up (fourteenth night); woke on back, with arms placed horizontally across chest (the left arm being highest up), at 4 A.M. (sixteenth day); woke three times on back, position of hands not noticed (seventeenth day); on back, with arms folded and entwined across chest (eighteenth day); on back, with hands under back of head, the palms being directed towards the head and the right hand between the left hand and head; afterwards on back, inclining to right side, right hand under back of head as before; afterwards

on back, with arms folded across chest, the right arm resting upon the left in a vertical direction (nineteenth day); woke on back, position of hands not noticed (twentieth and twenty-second days); on back, hands flat on body (twenty-third day); on back (twenty-fourth, twenty-fifth, twenty-sixth, and twenty-eighth days); on back, arms lying across body transversely, the right being highest up (twenty-ninth day),[5].—[**90.**] Various dreams, among others that I had epileptic fits (tenth night),[5].

Fever.—Chilliness. Feeling of coldness of both external ears, this lasted a few seconds, then suddenly they became warm again (after fifteen minutes),[4].—Cold feeling beginning at back of cervical vertebræ, coming down spine as far as lower dorsal vertebræ, then it spread over back causing shivering; then in a few seconds feeling of coldness at both elbows, it felt like a douche down the back (all this was in a moderately warm room), (after thirty minutes),[4].—***Heat.*** Heat of face, especially left side, on entering warm room, during the toothache (fourth day),[6].—***Sweat.*** Slight perspiration, on waking (third and sixteenth days),[5].—Warm sweat broke out all over him, even on his head, directly he began to walk in the morning, for two days (third day),[10].—Broke out in a warm sweat all over, feeling as if in a hot-air bath; warm sweat stood in drops on forehead, when sitting indoors (after three hours, first day); broke out again in a warm sweat, when sitting indoors, at 1 P.M. (third day); again for ten minutes, at 2.30 P.M. and 5 P.M. (fourth day),[9].

***Conditions.*—Aggravation.**—(*Afternoon*), Twitching in eyelid.—(*Evening*), Pain in face; on entering warm room, pain in teeth.—(*Bending head down*), Pain in side of vertex.—(*Cold outdoor air*), Pain in face; pain in teeth.—(*When expiring*), While lying on left side in bed, sensation in left lung.—(*Deep inspiration*), Shooting in side of chest.—(*Laughing*), Pain in face.—(*Lying on painful side*), Pain in teeth.—(*Lying on right side*), Pain from below scapula into chest.—(*When sitting bent over table*), Pain between the shoulders, etc.

Amelioration.—(*Cold water*), Pain in face.—(*Slight pressure*), Pain in face.

IRIS VERSICOLOR.

Iris versicolor, Linn.

Natural order, Iridaceæ. *Common name*, Blue flag.

Authorities. **1**, Dr. J. G. Rowland, Thesis Phil. Hom. Med. College, 1852, effects of 3d dil.; **1** *a*, same, effects of 1st dil.; **1** *b*, same, effects of nearly $1\frac{1}{2}$ ounces of tinct.; **2**, another prover, effects of 1st and 3d dils. and tinct.; **3**, another prover took 1st and 3d dils. and tinct.; **4**, another prover took 1st trituration; **5**, Dr. William A. Burt, proving with 3 grains green root (twice) first day; 10 grains of green and 20 of dried root, second day; 30 drops tinct., third day; 4 grains of green root, fourth and fifth days, Hale's New Remedies, 2d ed.; **5** *a*, same, subsequent proving with 50 grains of green root; **5** *b*, same, proving with "Irisin;" *Note:* Probably the mongrel so-called resinoid, there being no alkaloids known to exist in the natural order Iridaceæ.—T. F. A.; repeated doses of 1st dec. trit. to 20 grains of crude; **6**, Dr. William A. Holcombe, proving with 2 or 3 drops of strong tinct. four times a day for five days, Hale's New Remedies, 2d ed.; **7**, Dr. Sandford; a lady took 2 or 3 one-grain pills of Irisin for several days (for constipation, without relief); **8**, Berridge, N. Am. J. of Hom., N. S., 2, 57, Mrs. —— took repeated doses of 6th dil. for eleven days; **9**, Dr. Croker

took 6th dil., N. Am. J. of Hom., N. S., 2, p. 58; **10**, Wesselhoeft's provings, Trans. Am. Inst. of Hom., 1868, effect of chewing fresh root; *Note:* Was suffering from severe habitual headache at the time; this headache disappeared entirely in half an hour, though hitherto it had invariably lasted till he went to bed; **10** *a*, same, took repeated doses of 5th dil. for three days; *Note:* The prover had been suffering from sore throat for five days, with irritation of the larynx in the evening, and dryness and burning along the edge of the soft palate, which awoke him nights; the tonsils were swollen and painful on swallowing; this sore throat did not trouble him throughout the first day of the proving, better second day, well forenoon of third day; **10** *b*, same prover afterwards took 2 daily doses of 3d dec. dil., beginning with 10 and ending with 25 drops, for six days; on seventh and eighth days took 1st dec. dil. twice daily 10 to 20 drop doses; **10** *c*, same, proving with the tinct. doses 10 to 50 drops; **11**, Mrs. N. (from same), a dose of Iris (?); *Note:* She had been troubled for the past few days with nausea and disordered stomach, but after taking the medicine it passed off, and she ate a hearty dinner; she afterwards took a dose of 5th dec. dil.; **12**, Mrs. S. (from same) took 5th dec. dil., first and second days; **13**, Dr. Squier (from same), provings with tinct. in doses of 1 to 20 drops; **14**, Dr. Butman, provings with 1 to 20 drops of tinct. (from same); **15**, Mrs. D. B. H., took 5th dec. dil., night and morning (same); **16**, Mr. D. B. H., took same (same); **17**, Mr. C. B. Fox, took same (same).

Mind.—Emotional. Much mental depression,[7].—Great depression of spirits, with the headache,[3].—Despondency; thinks he is going to be very sick, then a disposition to laugh at his fears, which, however, soon return,[1b].—Nervous fretfulness, lasting all day,[16].—Vexed, irritable mood, disposed to find fault,[2].—Feels irritable, cross with her children, dislikes every one (third, fourth, and fifth days),[8].—Very irritable through the day (sixth day),[5].—Awoke feeling very irritable (fourth morning),[5].—Ill humor,[1b].—[**10.**] A disposition to feel displeased with everything and everybody, which gives place to a feeling of liveliness and activity,[1].—***Intellectual.*** Inability to fix the mind on any subject; when writing mind will wander to other things,[1b].—Cannot fix my mind on my studies (fourth day),[5b].—Dulness of the head (mental faculties and special senses), (five minutes after 3d dose),[13].—Weakness of memory (in twenty-four hours),[15].

Head.—Vertigo. Immediate dizziness,[11]; with pressure in forehead,[10a].—Sudden dizziness, immediately, soon passing off,[11].—Slight giddiness, coming on suddenly while walking within doors,[15].—***General Head.*** Slight momentary dulness of head (resembling vertigo),[13].—Lightness in the head, after the giddiness,[15].—[**20.**] Head feels very heavy, eyes dull, with pain directly over the left superciliary ridge,[1b].—Sensation of fulness of the head,[1b].—Headache, with pain in the bowels,[3].—Headache, much aggravated by coughing,[1a].—Slight headache,[1b].—Headache is very troublesome (eleventh day),[5b].—Headache occurring irregularly several days,[3].—Headache, gradually diminished (five minutes after 2d dose, first day),[14].—Dull, heavy headache (twelfth day); all day (sixth and seventh days),[5b].—Stupid and stunning headache, with the neuralgia (fourth day); violent headache (fifth day),[6].—[**30.**] Slight, dull, stupid headache (second day),[6].—Headache for two days; the third day he was seized with a peculiar headache; the pain shot, as he describes it, like an electric shock, from the right temple to the left part of occiput, and continued for about half an hour; headache with great depression of spirits and general debility,[3].—Acute pains in the head, as if the top of the head

would come off; felt chiefly in the forehead and vertex, after having been in the cold air, and on making quick motions, in the morning, soon after taking (eighth day).[10b].—***Forehead.*** Pain in the forehead and left temple (second day),[5b].—Pain in forehead at intervals (third day),[12].—Slight pain in forehead, and considerable in posterior fontanelle, at 6 P.M. (second day),[14].—Slight pain in forehead, changing from side to side (second day),[12].—Good deal of pain in the forehead and temples (eighth day),[5b].—Tightness across the forehead,[16].—Whenever attempting to laugh, a sensation as though a band drawn tightly around the forehead prevents,[1b].—[40.] Frontal headache, with dizziness occasionally, in the evening,[11].—Dull headache in the frontal region (six hours and a half after first dose, first day),[5b].—Dull, heavy headache in the forehead (one hour after first dose, first day),[5b]; (second day),[5a].—Dull, heavy headache in the forehead and temples (fourth, fifth, and ninth days),[5b].—***Temples.*** Slight pain in right temple (five minutes after third dose),[13].—Slight dull pain in right temple, which in five minutes passed over top of head, behind left ear, and ceased in one minute more (ten minutes after first dose),[13].—At times the pain in the temples is very sharp (first, second, fifth, and tenth days),[5b].—By spells the pains in the temples are very sharp and shooting (fourth day),[5b].—Severe shooting pains pass through the temples several times a day, for a fortnight,[5a].—On moving jaws, *e. g.*, in eating or talking, a tender feeling of mastoid processes, extending half way down jaw along edge of bone (eighth day),[8].—[50.] Throbbing pain in both mastoid processes; it lasts about fifteen minutes, then there is a tingling there for three or four minutes, then all ceases for fifteen minutes; the warmth of hand slightly relieved pain, in the afternoon (sixth day),[8].—***Parietals.*** Dull pain in the right parietal protuberance, which increases steadily until it becomes a hammering pain, and so much aggravated by motion, that for the moment it appears unbearable, but by continuing movement it gradually abates, returning again when at rest,[1].—Acute and extremely severe boring pain in right parietal protuberance, causing him to bend down his head,[1a].—***Occiput.*** Slight dull pain at situation of posterior fontanelle (after first dose); considerable at 6 P.M. (second day),[14].—Severe stitch in inferior part of occiput, more on the right than on the left side (after two hours),[1a].—***External Head.*** *Top of the head has just twenty-six pustules on it, some of them as large as a three-cent piece;* the pustule is situated upon an inflamed base of a rose color, with red streaks running from one to another; they contain yellow matter; very tender to the touch; gradually disappearing in four days (after nine days),[5b].—Tight constrictive feeling of the scalp (one hour after first dose, first day),[5b].

Eye.—Eyes much sunken in (second day),[5a].—Severe burning pain in the internal canthus of the right eye,[1b].—Redness of the conjunctiva, as if from cold,[2].—[60.] Eye filling with tears,[1b].—Profuse flow of tears (after fifteen minutes, fourth day),[5].

Ear.—Pressure towards and out at the ears (first day),[10a].

Nose.—**Sneezing*, immediately,[1a].

Face.—General appearance of anguish,[7].—Expression of great anguish in the face,[7].—Flushed face (second day),[4].—Cracked lips,[17].—Dry, cracked lips,[1a].—* *Waked with neuralgic pains in the right side of the face; darting stitches in two carious teeth; pain affects especially the infra-orbital nerve; facial neuralgia passed off* (third day); *facial neuralgia, involving the supra- and infra-orbital, and the superior maxillary, and the inferior dental nerves; began after breakfast, with stupid or stunning headache, and lasted several hours, with*

great severity (fourth day); *began after breakfast, and continued with terrible severity for twenty hours; violent headache accompanied it, and general malaise* (fifth day); *dull soreness where the neuralgia had been* (sixth day),[6].

Mouth.—Teeth. [70.] Toothache,[17].—Slight toothache, in a warm room,[1a].—Teeth sore (tenth day),[5b].—Teeth feel elongated and sore; back, upper, and lower molars; dull, heavy, aching pain in them for three hours (second and third days),[5b].—Teeth feel too long and are very sore (second day),[5a].—***Gums.*** Swelling of gums on the inner surface of left side of lower jaw, under the molar teeth,[2].—***Tongue.*** Tongue coated white (fifth day),[5b].—Tongue and gums greasy or slimy, in the morning,[17].—Tongue feels thick, at 7 A.M. (second day),[5a].—***General Mouth.*** Rugæ of roof of mouth appear to sight enlarged, pale, and two on right side are excoriated (sixth day),[8].—[80.] Feeling of a greasy coating over mouth and tongue, early in the morning,[2].—Burning and smarting of palate and fauces,[10c].—Mouth and stomach feel on fire (after fifteen minutes, fourth day),[5].—Back part of the mouth and fauces felt on fire all the afternoon, with profuse flow of saliva (first day),[5].—Soreness of the roof of the mouth, with roughness of the hard palate, very painful on being touched with the tongue or solid food, for several days; this is aggravated by a defective filled tooth, painful, feeling too long, and very tender when used,[10a].—Soreness of hard palate,[10a].—Great feeling of rawness of roof of mouth just behind front teeth; worse from hot or cold drinks, eating, touching with tongue, and especially from onions or cheese; also a feeling as if the skin of that part were hanging loose (third day); constant (fourth and fifth days); extend down to throat (sixth day); the same rawness of roof of mouth just behind the front teeth, but without the feeling of loose skin; after eating cherries in the morning (thirteenth day),[8].—***Mouth and tongue feel as though they had been scalded,** in the morning (second day),[5].—Mouth feels as if it had been scalded, tongue thick and rough, at 4 A.M. (fifth day),[5].—***Saliva.*** **Increased saliva,*[9].—[90.] ***Profuse flow of saliva** (immediately),[5a]; (after three hours, fifth day), continuing all day (after fifteen minutes, fourth day),[5].—**Constant discharge of ropy saliva dropped from my mouth during conversation* (second day),[5].—***Taste.*** Mouth tastes flat, at 7 A.M. (second day),[5a].—Flat taste in the mouth (second, fifth, tenth, and eleventh days),[5b].—Bad taste,[17].—Acrid taste of the plant (first day),[6].—Taste so acrid that it was with difficulty that I could get my breath (first dose, second day, after fifteen minutes, fourth day),[5].—Loss of taste (fifth day),[5].

Throat.—Rough throat, running saliva,[17].—Burning in the throat, palate, and tonsils, increased by expiration, diminished by inspiration (five minutes after first dose); increased (after second dose); same symptoms (after third dose, first day); increased (third day),[14].—[100.] Sore throat,[1b].—Sore throat, with slight soreness of the chest, after the stiffness and lameness had disappeared,[11].—A feeling of rawness in the throat (after half an hour),[1b].—Taste at first sweetish, and resembling that of slippery-elm bark; he thought it quite insipid at first, but then began a smarting, burning, and scratching sensation in the soft palate, at first slight, but slowly increasing to a violent fiery heat, spreading over the whole extent of the fauces, upward towards the nares, and far down into the œsophagus; the throat felt as if it were three times as large as usual, and like a fiery cavern; drinking water alleviated the burning for a short time only; many enlarged bright-red bloodvessels became visible on the uvula, palate, and posterior wall of fauces; the heat, redness, and painful burning lasted for

two hours and a half, very gradually subsiding (after five minutes),[10].—(Had to run a long distance in the afternoon to reach the cars; got very much heated and into a profuse perspiration; took cold in the cars; sore throat again in the evening; burning, smarting, dryness of palate and fauces; feeling as if a horsehair were drawn tightly across the left palate, with burning and smarting; then took ten drops in a teaspoonful of water on going to bed; for half an hour the smarting increased; slept two hours and awoke without the smarting (second night); in the morning raised some loose mucus without coughing; never had the sore throat without subsequent severe coryza and catarrhal cough for several days; in this instance the affection was decidedly arrested at the outset),[10a].—***Uvula and Tonsils.*** Tonsils, uvula, and soft palate bright-red, with engorgement of larger vessels (second day),[13].—***Fauces, Pharynx, and Œsophagus.*** Heat about fauces, soft palate and tonsils, soon changing into smarting and burning; relieved by inhaling cold air; deglutition not painful but more difficult; the burning lasted over two hours (after a few minutes, first day),[10c].—Burning in the fauces (after first dose); some burning in the throat; burning extends down the course of œsophagus to pit of stomach, with slight nausea (after second dose); gradually wore off towards evening,[13].—Some burning in fauces, palate, tonsils, and back of tongue; increased very much during expiration; diminished very much during inspiration (five minutes after first dose); almost immediately (after second dose); increased (after third dose); diminished gradually until evening,[13].—Slight burning in fauces, as if from taking cayenne pepper; only felt in expiration; continued till he went to sleep (after fifteen minutes, first day); the same burning, more severe, extending slightly to tip of tongue; it was felt slightly on inspiration; quite severe during expiration (second day),[13].—[110.] Very frequent spasms of the œsophagus, with inability to swallow; the food sticks in the throat, with choking and gagging,[10c].—Burning extends down œsophagus to stomach (eight minutes after first dose, third day),[14].—***Swallowing.*** Difficult deglutition while eating; food sticks in the pharynx requiring several efforts of deglutition to swallow it (after eight hours, first day),[10c].

Stomach.—Appetite. Increased appetite (after larger doses of tincture),[10c].—Loss of appetite,[4]; (second day),[5a].—No appetite (fifth day),[5].—No appetite at dinner (third day),[6].—***Eructation.*** Empty eructations and pain in the stomach,[2].—Frequent empty eructations, in the course of the day (second day),[10c].—Constant eructation of gas (seventh day),[5b].—[120.] **Frequent eructations of tasteless gas* (third day),[5b].—**Constant eructations of tasteless gas* (fourth day),[5b]; during the whole period,[5].—Constant eructations of sour gas (second day),[5a].—Stomach very sour (second day),[5a].—Food rises very sour (after seven hours and a half, first day),[5a]; (four hours and a half after first dose, first day),[5b].—***Heartburn.*** Heartburn, several times in the day; a hot cramplike sensation rises upward from pit of stomach (second day),[10c].—***Nausea and Vomiting.*** **Nausea* (five minutes after second dose, first day),[14].—Nausea and eructations of wind,[1].—Nausea, straining, and belching of wind,[7].—Nausea, belching of a large quantity of wind (ten minutes after second dose, third day),[14].—[130.] *Nausea, and vomiting of a thin watery fluid of an exceedingly sour taste;* constant nausea for more than an hour, and vomiting several times (first and second day),[1b].—**Nausea and slight vomiting of watery and extremely sour fluid, immediately,*[1a].—Slight nausea (after third dose),[13].—Slight nausea, eructation of much wind, at 6 P.M. (second day),[14].—Slight nausea,

with much belching of wind (ten minutes after third dose),[13].—Nauseous feeling in abdomen, like the beginning of seasickness, soon (seventh day),[10b].—Sickness of stomach in the evening, obliging him to lie down,[3].—Frequent and violent efforts to vomit, resulting, however, in little more than an enormous discharge of air, which seemed to move off the stomach in very great force,[7].—She vomited up several of the pills before she was relieved of one of the most severe attacks of colic I ever witnessed,[7].—***Stomach.*** Rumbling and uneasiness in the stomach, accompanied by diarrhœa, with little pain,[1a].—[140.] Uneasy feeling in the scrobiculus cordis, together with rumbling in the lower part of the abdomen; increased until the lower part of the sternum seemed protruding (after fifteen minutes),[1].—Great distress in the stomach; lasted two hours (half an hour after second dose, second day),[5].—Great distress in the epigastric region; the distress is horrible to endure (after three hours); increasing (after three hours and a half); very restless, cannot be still one moment; think I cannot live; very much frightened; copious discharge of thin water from the bowels, but no abatement of the awful agony in the epigastric region; inhaled chloroform, which gave a little relief; another large stool of water, tinged with bile; the water ran from the bowels in a continuous stream; nearly two quarts of water passed; there was great rumbling in the bowels, but no pain; this gave great relief (after four hours and a half, fifth day),[5].—**Great burning distress in the epigastric region,* but not much in the mouth; it is awful, cold water does not seem to reach it (immediately), (first day),[5a].—One-half hour of great pain and distress in the stomach; it is awful to bear; continued all the afternoon and evening; it is not a sharp pain, but an awful, burning distress; appears to be deep in the region of the pancreas; cold water does not touch it (after fifteen minutes, fourth day),[5].—Feeling of fulness of stomach, followed by eructations of wind, which relieves it (eight minutes after first dose, first day),[14].—Pinching at pit of stomach (first day),[10a].—Aching pain in the stomach before breakfast,[2].—Aching pain in the stomach after drinking cold water,[2].—Slight twisting pain in the stomach,[10c].

Abdomen.—Hypochondria. [150.] Pain of a dull, aching character, in right hypochondrium, when walking,[2].—***Umbilical and Flanks.*** Rumbling all the afternoon in the umbilical region (third day),[5b].—Great deal of rumbling in the umbilical and hypogastric regions, with desire for stool; had a soft papescent stool, without pain (second day),[5b].—Awoke at 4 A.M., with great rumbling and distress in the umbilical and hypogastric regions, and with great desire for stool, followed immediately by a copious, thin, watery stool, which could not be retained a moment without pain; another thin watery stool, with great rumbling in the bowels, at 8 A.M. (fifth day),[5].—Uterine pain in the umbilical region, passing in successive shocks (like the effects of a galvanic battery) upward to the epigastric region, followed or accompanied by nausea, straining and belching of wind,[7].—Severe colic in the umbilical region; pains came on every few minutes; lasted two hours, at 5 P.M. (eighth day),[5b].—Severe colic, first in the right, then in the left flank, with urging to stool, in the afternoon (third day),[6].—***General Abdomen.*** Great commotion and rumbling in the bowels above the seat of the pain, but little or none below, with no desire for stool,[7].—Great rumbling in the bowels (eighth and ninth day); all the time (fourth day),[5b].—Flatulence,[17].—[160.] For a day or two much fetid flatulence,[2].—A good deal of fetid flatulence, in the afternoon (fourth day),[6].—A faintness as if the intestines were being revolved in the

wrong direction, lasting several hours, and recurring towards evening (soon) (seventh day),[10b].—**Pain in abdomen, which is relieved by discharge of flatus*,[2].—Slight pain in bowels, with heat and soreness, as after a cold, and with premonitions of diarrhœa; this lasted for three hours (after half an hour),[11].—Flying pains all through the bowels (second day),[5a].—**Sharp, griping pain in bowels*, for five minutes, at 6 P.M. (second day),[14].—Bowels very tender on pressure (second day),[5a].—Sharp neuralgic pains in bowels (eight minutes, third dose, third day),[14].—**Colicky pains during the evening and night, obliging him to bend forward for relief*, and attended with loss of appetite and great restlessness during the night; this colic continued the next day, but was immediately removed by a dose of Nux vomica,[4].—[170.] Colic in the afternoon, ceasing at night,[4].—Slight symptoms of colic after each pill,[7].—***Iliac Region.*** Pain in abdomen above the crest of the ilium, both sides,[2].—Pain along posterior part of crista ilii of the right side,[2].

Rectum and Anus.—Anus feels prolapsed; pained all day (fifth day),[3a].—**Constant distress in anus, feeling as if it were prolapsed* (second day),[5].—***Severe burning in anus after stool*** (sixth day); diminishing after each stool (seventh and eighth days),[6].—***Anus feels sore**, *or as if sharp points were sticking in the parts, in the morning* (second day),[5].—Some disposition to stool, with burning at the anus (fifth day),[6].—Violent call to a second stool by a sensation as if wind were forcibly distending the rectum; no wind was discharged, but I was relieved after discharging a little greenish dark water, attended with severe burning in the anus (sixth day),[6].

Stool.—Diarrhœa. [180.] Diarrhœa with colic,[1b].—Diarrhœa with rumbling and cutting in the lower part of the abdomen,[1b].—**Thin watery diarrhœa, continuing through the day* (third day),[4].—Diarrhœic stools, succeeded by pain in the umbilical region (fourth day),[4].—After breakfast a diarrhœic stool, with subsequent pain in the epigastrium,[2].—Sudden diarrhœic stool after supper,[2].—Looseness of bowels,[17].—Soft, painless stools, with great rumbling in the bowels (twelfth day),[5b].—Six dysenteric stools during the night, with pain and rumbling in the lower part of the abdomen,[1b].—Two greenish-black stools, with burning at the anus (fourth day),[6].—[190.] **Very soft, yellow stool, with great rumbling in the bowels, but no pain* (fifth day),[5b].—Soft, papescent stool (four hours and a half after second dose, third day); (five hours after first dose, fourth day); in the evening (eighth day),[5b].—Soft, papescent stool, with pain in the umbilical region at 5 P.M. (eleventh day),[5b].—Soft, papescent stool without pain, but rumbling in the bowels (six hours and a half after second dose, first day),[5b].—Soft, papescent stool, with great rumbling in the bowels, at 8 A.M. (seventh day),[5b].—Large, yellow, papescent stool, with great rumbling and no pain (after three hours); another large watery stool; the burning in the pancreas (?) is fearful to endure (after three hours and five minutes); another watery stool, with colicky pains in the epigastric region (after three hours and a quarter); there has been severe colic in the epigastric and umbilical region for the last two hours; every few moments copious watery stool, with great rumbling in the bowels (after six hours); great pain and distress in the bowels, followed by a large watery stool, still the pain continues (after six hours and a half); ***another watery stool**; **anus feels on fire** (after seven hours); **another watery stool, with a disposition to strain and bear down*; **great burning in the anus** (after seven hours and a half); another watery stool, with straining (after nine hours and a half, first day); great rumbling in the bowels, with desire for stool; had a profuse one of a watery

nature; followed by great straining, with the passage of a little mucus, at 4 A.M.; another watery stool, followed by great straining, with the passage of blood and mucus, at 5 A.M.; another stool, of mucus streaked with blood, with great tenesmus, at 5.30 A.M.; stool of water and mucus with great straining, at 7 A.M.; copious stool of water and undigested food, with great straining, at 9 A.M.; another of mucus and water, with great tenesmus and rumbling in the bowels, at 10.30 A.M.; small stool of mucus, with great tenesmus and rumbling in the bowels; for the last six hours the mucous membrane of the anus has been prolapsed, *with great smarting pains*, at 12.45 P.M.; another small stool of mucus, with severe tenesmus, at 3 P.M. (second day),[5a].—Soft, mushy stool at evening, with great rumbling, but no pain (sixth day),[5b].—Stools lumpy, brown, and very offensive,[1a].—Very hard, lumpy stool (fifth day),[5a].—***Constipation.*** Constipation several days,[4].—[**200.**] Stools costive, and absent altogether for two days,[10a].

Urinary Organs.—Kidneys. Pain in right kidney; lasted three hours (third day),[5b].—***Urethra.*** Cutting and sticking in the urethra when making water, with coldness and itching over the genitals, the itching being worse on scratching,[1b].—Sharp cutting pain in the urethra, when commencing to urinate,[1a].—***Micturition.*** Very frequent, copious, perfectly limpid urine (third and fourth days),[6].—Passed water but twice during the day (second day),[5b].—***Urine.*** Urine increased in quantity,[2].—Increase of urine; urinated eleven times profusely (twelfth day); voided urine in large quantities (thirteenth and fourteenth days),[5b].—Urine more copious,[2].—The urine was very copious, and had a strongly disagreeable odor, during the proving,[3].—[**210.**] Urine scanty and of strong odor; very dark and thick in the morning; it passes without force, and only after some straining, but without pain,[10a].—Urine very scanty and high-colored (fifth day),[5b].—Urine very scanty, red, and burning the whole length of the urethra for half an hour after voiding it (second day),[5a].—Great diminution of the secretion of urine; made a very little water morning and night, followed by great burning in the urethra for half an hour after voiding it (fourth day),[5b].—Urine very red (second day),[5b].—Urine thick, of strong odor, and deep amber-color (owing to excess of uric acid); it flows without force, and even requires some effort to discharge it, but without pain (eighth day),[10b].

Sexual Organs.—Male. Inflammation of the glans penis; it is very much swollen and red (second day),[5a].—Discharge of semen (third, ninth, tenth, and eleventh night),[5b].—Discharge of semen, with amorous dreams (something I am not accustomed to), (first night),[5]; (second and fourth days),[5b].—***Female.*** Menses (always regular and profuse) appeared three days later than usual, and were scanty,[11].

Respiratory Organs.—Larynx, Trachea, and Bronchi. [**220.**] A good deal of hawking and clearing out of the larynx (first day),[6].—Frequent and painful hawking (screatus) of a tough mucus from the larynx (seventh and eighth days),[6].—Frequent hawking; cough with soreness in trachea, also tickling without further expectoration, at 10 A.M. (second day),[10a].—Catarrhal mucus in a lump rattled up and down the trachea; at length it was expectorated with a sweetish offensive taste at 10 A.M. (second day),[10a].—Obstruction and catarrhal soreness of air-passages, at 10 A.M. (second day),[10a].—***Voice.*** Very hoarse (second day),[5a].—***Cough and Expectoration.*** Short dry cough, excited by tickling in the larynx,[1a].—Slight hacking cough in the morning, without expectoration, with soreness in the larynx anteriorly (third day),[10a].—Raised some phlegm (second morning),[11].

Chest. Rattling of mucus in the chest, not to be raised by hawking (after twelve hours),[10a].—[230.] Soreness of the chest, across from nipple to nipple, with a tender painful spot on right border of sternum; pain on inspiration; in the morning (second day),[10a].—Awoke at night with severe tickling under top of sternum, and cough, dry and distressing, because nothing could be raised nor the tickling be reached; rattling of loose phlegm low down in the windpipe (first day),[10a].—Pain in left side of chest,[3].—Pain in the left side, as though the ribs were pressing hard upon the lower portion of the lung; unable to take a long breath, for the pain in the left lung, which was of a sticking and cutting character,[1a].—Cramp in left side, under the ribs,[16].—Cramp in the left side, like a knife, lasting a few minutes, followed after awhile by darting pains in the bowels,[15].

Heart and Pulse. Action of heart increased in force and frequency; pulse 89 (normal 72), (ten minutes after first dose),[11].—Pulse accelerated,[2].—Pulse somewhat accelerated,[3].—Pulse feeble and frequent,[7].

Back. [240.] Stiffness in the back, increasing on sitting down, remaining all the morning (eighth day),[10b].—Feeling of weariness in the back for several days,[2].—Pain in the back (second day),[12].—Severe backache (second day),[5a].—Very severe backache (sixth day),[5a].—Back pains me very much (twelfth day),[5b].—Back pains very severely; very much worse by walking (seventh day),[5b].—***Dorsal.*** Stiffness in trapezius muscles (first day),[10a].—Stiffness of trapezius muscle causes constant shrugging of the shoulders and desire to twist the head from side to side; lasted all the forenoon,[11].—***Lumbar.*** Constant pain in the lumbar region, aggravated by motion (fifth day),[5b].—[250.] Great pain in lumbar and sacral regions; almost impossible to walk (sixth day),[5b].—Dull heavy pain in the lumbar region all day (fourth and eleventh day),[5b].—Crampy pains in the right lumbar region, in the evening, continuing several hours and causing a sweat to break out,[3].—A violent painful tearing in the lumbar region on rising, making it impossible to straighten the body into an erect posture for several moments; can gain the erect posture only very gradually (eighth day),[10b].—Feeling of weakness and weariness in the lower part of the back,[2].—Pain in the small of the back, all day while sewing (third day),[12].—Considerable stiffness of latissimus dorsi muscle of right side on moving, but not on touch or pressure (eighth day),[10b].

Extremities in General.—Pains through the day in almost all the limbs,[2].—*Tensive, momentary, and constantly recurring pains* in all the joints, but mostly the *smaller*, which *shift rapidly about*, mostly in the evening, that is, from supper to bedtime,[2].—Neuralgic pains, like severe constriction around left upper arm, forearm, and thigh, several times throughout the day (ninth day),[10b].—[260.] Severe rheumatic pain in the whole right arm and right knee-joint, worse on motion, and continuing when at rest,[1a].

Superior Extremities.—Shoulder. **Pains tensive and sticking in right shoulder during motion, particularly on raising the arm* (this symptom set in soon after commencing the proving, continued throughout, and was observed for five or six weeks after discontinuing the medicine),[2].—*Rheumatic pain in the right shoulder, worse on motion, especially by raising the arm,[1].—***Arm.*** Arms between elbow and shoulder became very lame, as after severe exercise, also sore to the touch (after three hours and a half); the lameness soon extended to the shoulders and back of the neck, like rheumatism after taking cold; the stiffness and lameness disappeared during the night,[11].—Sharp pain near outside of left arm when moving it,[2].—***Elbow.*** Heaviness of elbows and hands, with pain in the back between

the shoulders, which finally settled in right arm between elbow and shoulder (third day),[12].—***Hand.*** Heavy feeling in hands and elbows, as if the prover had been drinking wine (second day),[12].—Pains in the metacarpal joints of both hands, muscles of right arm, and pectoralis major, mostly during motion and in the evening,[2].—***Fingers.*** Pain in the fingers,[17].—Pains in phalanges of right hand, and in the end of the index finger of the same hand, in writing (observed several weeks after proving),[2].—[270.] Pain in last joint of middle finger of left hand,[2].—Continuous sharp pain along the left side of the first phalanx of middle fingers of right hand; sharp pains in the middle fingers of the left hand, succeeded instantly by a similar pain in axilla of same side, occurring frequently during about five minutes,[2].—Sharp, cutting pain, frequent, in the metacarpo-phalangeal articulation of thumb of the right hand,[2].—A number of shooting, shifting, and momentary pains in the phalangeal and metacarpo-phalangeal articulations,[2].

Inferior Extremities.—Almost impossible to walk, my limbs are so weak and painful (second day),[5a].—***Hip.*** Pain in left hip-joint when walking,[2].—**Slight coxalgia in left hip* while walking in the evening (first day),[10c].—Slight sciatic pain (after first dose, second day),[10a].—**Painful drawing and lameness behind left trochanter, extending down to the popliteal space;* it lasted for an hour, causing him to limp, in the evening (first day),[10a].—**Sciatic pains, as if left hip-joint were wrenched,* or forced to remain long in an awkward position, several times in the day (eighth day),[10b].—[280.] Sciatic (neuralgic) twinges in hip-joint, pain as if wrenched, followed by a burning ache, several times (ninth day),[10b].—Violent tearing pain in the right hip-joint, knee, and shoulders, very severe, the most severe only lasting about two or three minutes (second day),[1b].—Sciatic twinges behind left trochanter several times, quite severe, with lameness, in the morning while writing (fourth day),[10b].—***Thigh.*** Sudden rheumatic lameness of posterior femoral region, while exercising in the morning, causing a limp (after twenty-two hours),[10a].—Pain in left thigh,[2].—In the course of the morning, the pain took the direction of left sciatic nerve; could not walk without limping; pain shooting from behind large trochanter down posterior part of left thigh into the foot on every motion, particularly while walking, till 4 P.M., when it passed off; marked sciatica of left side; never had anything of this nature before; when he takes cold, it never assumes the form of rheumatism or neuralgia (second day); immediately on rising, severe pain in left sciatic nerve only in walking; pain more acute, and with more soreness than yesterday; pain only on motion, with weakness of the left leg; cannot walk without limping, yet violent exercise, running, or jumping, does not increase the pain more than moderate exertion (third day),[10a].—***Knee.*** Pains in the right, then in the left knee, when walking,[2].—Knees weak and trembling (after six hours and a half, first day),[5a].—***Leg.*** Calves of the legs pain very much when walking, especially the right (second day),[5a].—***Foot.*** Shooting, sticking pain in right foot,[2].—***Toes.*** [290.] Sharp pain in first joint of great toe of right foot when walking, renewed frequently during the day,[2].—The pain in first joint of great toe occurs, during walking, for a number of days,[2].

General Symptoms.—Objective. General languor,[1b].—Languid and feverish in the afternoon; no disposition to mental or physical exercise,[4].—Great lassitude,[1b].—Debility and loss of appetite (third day),[4].—General debility with the headache,[3].—Weakness,[1b].—Weakness and languor, with rumbling in the bowels (second day),[4].—Much prostration,[7].—

[300.] Very much exhausted (second day),[5a].—Worn out by fatigue and suffering; I got no relief or sleep but by the inhalation of chloroform (fifth day),[6].—Faint and exhausted (after six hours and a half, first day),[5a].—***Subjective.*** General malaise with the neuralgia (fifth day),[6].—Felt as if he had taken a cold, with lameness of trunk and lumbar region (second day),[10a].

Skin.—Several pimples on lower extremities and other parts of the body, like mosquito-bites,[4].—A pimple on middle finger of left hand; the next day the inflammation was extended over the hand; the day after it became more violent, and occasioned great pain, and was afterwards opened to obtain relief; no pus was found, but it was subsequently formed, and discharged through the opening, which penetrated as far as the bone; a fungous growth meanwhile had taken place around the edges; pain extended from the hand up the arm; there was much swelling and pain† in the part affected, which had much the appearance of a malignant boil; there was a disposition to a similar formation on the index finger, but the inflammation subsided after a time, and finally disappeared,[3].—Seven small vesicles appeared on the right wrist, which gradually formed into pustules, having a depression in the centre; these dried up in one night, leaving crusts, which remained nine days before disappearing (after taking medicine five days),[1a].‡—Boils on back, face, and hands,[2].—Intense itching of the face, as if she could tear it to pieces, worse when warm from exercise, at 11 A.M. (second day); continues at times (fourth and fifth days),[8].

Sleep and Dreams.—Sleepiness. [310.] Sleepy, dulness, and dizziness of head (ten minutes after second dose, third day),[14].—Feeling of sleepiness, with great chilliness, only feeling at all comfortable when near a very hot fire, and even then cold; chilly sensations are felt down the back (second day),[1b].—Great desire to sleep in the daytime; fell asleep while reading (third day),[5b].—Drowsiness and loss of appetite (second day),[4].—***Sleeplessness.*** Restless night (second night),[5b].—Restlessness for five nights in succession,[3].—Unusual restlessness during the night; sleep disturbed by startings,[2].—Restless at night, with troublesome dreams,[4].—Restless night; bad dreams (sixth and eleventh days),[5b].—Restless night; horrid dreams (fourth night),[5b].—[320.] Restless night; dreamed of snakes and everything bad (third night),[5b].—Restless night; dreamed of digging up dead people, and finally fell into a grave, which awoke me, feeling very much frightened (eighth night),[5b].—Very restless at night (first night),[5b].—Very restless night; awful dreams of the dead (ninth and tenth nights),[5b].—Sleep very restless (fifth day),[5].—Sleep very restless all night, with bad dreams (fourth night),[5].—Woke up unusually early, with dry mouth and general depression,[3].—Woke two hours earlier than usual, with no disposition to renew sleep,[2].—***Dreams.*** Amorous dreams, with discharges of semen (fifth day),[5].—Dreams of fighting, etc. (first night),[5b].—[330.] Dreams of suffocation and fire,[1b].—Dreamed of dissecting a woman who was hanging up by the heels in my office; awoke very much frightened; made several attempts to get up to shut the door, but could not; it was a real nightmare (third day),[5b].

Fever.—Chilliness. Great chilliness over the whole body during

† The pain in the finger was accompanied by perspiration, although the weather was very cold.

‡ The prover thinks it proper to state he had been attending a severe case of small-pox.

the night, although abundantly covered (second night),[1b].—***Heat.*** Fever (second day),[4].—Heat over the whole body, then chilliness, with cold hands and feet,[1b].—Head feels hot, and face flushed,[1b].—Hands hot and dry all day (third and fourth days),[5b].—Heat of the palms,[11].—***Sweat.*** Sweat over the whole body, particularly in the groin,[1a].

Conditions.—**Aggravation.**—(*Morning*), Soreness of anus.—(*Afternoon*), Colic.—(*Evening*), Pain in joints; *pain in shoulder;* pain in metacarpal joints.—(*Coughing*), Headache.—(*Expiration*), Burning in throat, etc.—(*Motion*), Pain in parietal protuberance; pains in joints; pain in lumbar region; pain in arm, etc.; particularly on raising arm, pain in metacarpal joints.—(*Walking*), Pain in hypochondrium; pain in back; pain in hip; pains in knee; pains in calves; pain in great toe.—(*When warm from exercise*), Itching of face.

Amelioration.—(*Inspiration*), Burning in throat, etc.—(*Continued movement*), Pain in parietal protuberance.—(*After stool*), Burning in anus.

ITU.

Resina Itu.

Authority. Mure, Pathogén. Brésil.

Head.—Vertigo, with tendency to fall to the right (first day).—The head is heavy, it falls forward (eighth day).—Stunning pain in head, worse on stooping (first day).—Pressive pain in forehead and on the eyes (second day).—Lancination like knife cuts in the right side of the forehead (second day).—Beating in the right temple; the pain extends to the ear and maxillary joint (second day).

Eye.—Lancinating pain in the left orbit, extending to the eyebrow (eighth day).—Nictitation of the eyes (eighth day).—Heaviness of the eyes when walking (eighth day).—[10.] Burning in the eyelids (eighth day).—Muscæ volitantes like pins' heads (eighth day).

Ear.—Earache from the least dampness, descending to the maxillary joint (first day).—Sudden detonating sensation in the ear, with frightful pain extending to the teeth, for two or three minutes; this paroxysm recurs at hourly intervals four times during the forenoon (seventh day); the detonations in the ears occur as often as eight times during the day (eighth day).

Nose.—Frequent sneezing (ninth day).—Coryza (ninth day).

Mouth.—Toothache, aggravated by cold drinks (eighth day).—Red tongue (twelfth day).—Great difficulty in moving the tongue and in speaking (twelfth day).—[20.] The tongue feels thick and as if it filled the whole mouth, though really but slightly swollen (twelfth day).

Throat.—Pain in the throat, with sensation of a plug in the pharynx (twelfth day).—Tonsillitis (twelfth day).

Stomach.—Prolonged hiccoughing (second day).—Nausea, aggravated by movement (second day).

Abdomen.—Pain in the left hypochondrium on bending forward (second day).—Lancinating pain in the region of the liver, worse when walking or stooping (eighth day).—Pain in the abdomen from within outwards (first day).—Cold feeling in the hypogastrium, especially in the evening (first day).

Anus.—Burning pain at the anus, after sitting (eighth day).

Stool.—[30.] Profuse painless diarrhœa (seventh day).—Copious, yellow, diarrhœic stools (seventh day).—Involuntary stools (sixth day).—

Bright-yellow stool, which cannot be retained when standing up (ninth day).

Sexual Organs.—Burning at the vulva, followed by violent itching (ninth day).

Chest.—Pain in the left breast, worse when walking (twelfth day).

Neck and Back.—Great stiffness of the nape of the neck, preventing him from raising or inclining the head (fifth day).—Pain at the nape of the neck, penetrating to the forehead and causing numbness, and a heaviness which draws the head down (fifth day).—Pain in the left side of the neck, as from torticollis (second day).—[40.] Pain in the posterior spine of the ilium, when stretching the leg or rising, for several days in succession (twelfth day).

Inferior Extremities.—Numbness of the legs; he cannot stand upright on rising from a seat (fourth day).—Heaviness in the legs and weariness in the evening (ninth day).—Severe pain in the knee-joint (twelfth day).—Crampy pain from the calf to the heel (ninth day).—Crampy pain at the tendo Achillis (ninth day).—Numbness at the ankle-joint, after sitting (first day).—Great numbness in the ankle-joint, whenever he rises from a seat (seventh day).—Cramps at the left tarsal joint (sixth day).

Skin.—Much itching in the right arm, which is covered with deep-red pimples, rounded like pins' heads; the itching ceases in the daytime, but the eruption lasts all day; pimples on the left side of the neck; they are less inflamed, but cause the same itching (fourth day).—[50.] The pimples on the arm and neck disappear gradually (fifth day).—Violent itching near the sternal extremity of the right clavicle, followed by a moist eruption, which disappears in six hours (third day).—Violent itching on the left breast and nipple, especially in the morning (twelfth day).

Sleep.—Light but unbroken sleep at night (second day).

Fever.—The detonations in the ears are followed by profuse sweat (eighth day).

Conditions.—**Aggravation.**—(*Morning*), Itching on breast.—(*Evening*), Coldness of hypogastrium.—(*Air*), The pains.—(*Cold drinks*), Toothache.—(*Motion*), Nausea.—(*Sitting*), Burning at anus; numbness in ankle-joint.—(*Stooping*), Pain in head; pain in left hypochondrium.—(*Walking*), Heaviness of eyes; pain in breast.

JABORANDI.

Pilocarpus pinnatus.

Natural order, Rutaceæ.

Common names, (Brazilian), Iaborandi, Jaborandi, or Jamborandi. *Note:* This plant is used by the South American Indians as the special antidote to the bite of serpents of the Trigonocephalus group.

Preparation, Tincture of the leaves.

Authorities. **1**, Prof. Gubler and M. Coutinho, effects of infusions of about 50 grains of the powdered leaf in about 6 ounces of water, taken cold (or hot), Journ. de Therap., 1874, No. 5; **2**, same, effects on the urine; **3**, Albert Robin, Journ. de Therap., 1874 and 1875, experiment with 6 grammes of powdered leaf; **4**, same, general effects observed in ninety cases, healthy and sick; **5**, same, effect on vision (in a patient with acute bronchitis, and in one convalescent from acute alcoholism); **6**, same, sphygmographic tracings 1 to 5 in a healthy individual; **7**, same, effect of an infusion of 5 grammes of leaves, in a laboring man; **8**, same, effects on

pulse and temperature, in healthy persons; **8** *a*, same, effects of 5 grammes in a very susceptible subject; **9**, same, effects of 20 c.c. of elixir in a healthy subject, aged 19, tracings 6 and 7; **10**, Ringer, Pharm. Journ., Nov. 1874, effects in two boys, about 11 years old, of an infusion of ½ drachm; **11**, Ringer and Gould, Practitioner, 13, 389, four experiments on three healthy boys; **12**, Martindale, from Ringer, Phil. Med. Times, 1875, effects on self of a "full dose;" **12** *a*, same, effect of extract applied to eye, in thirty instances; **13**, Martindale, Pharm. Journ., 1875, effects on self of an infusion of 60 grains of leaf in 5 ounces of water; *Note:* Symptoms do not coincide with No. 12; **14**, Dr. Bisset Smith, Brit. Med. Journ., 1875, p. 174, a healthy boy, aged 17, took infusion of 6 grammes; **15**, F. V. Green, M.D., Phil. Med. Times, Oct. 1875, effects of 1 drachm of fluid extract, in a patient suffering from syphilitic rheumatism, dose repeated after five days; **16**, same, repeated doses in another syphilitic patient; **17**, same, a patient with orchitis and incipient bronchial trouble, with largely dilated pupils, took 1 fluid drachm of extract; *Note:* The pain entirely ceased and cough disappeared next morning; **18**, William Craig, Edin. Med. Journ., Jan. 1876, effects of an infusion of 1 drachm; **19**, Strumpf, general effects of infusion in a large number of cases, Br. and F. Med.-Chir. Rev., 1876, from Deutsch Archiv; **20**, Lewi, Hirschel's Zeit. f. Hom., 20, p. 97, general effects; **21**, Dr. W. L. Watkins, Amer. Obs., 13, p. 348, provings 5th and 4th dec. dil., five days, no effect, 3d dil. on sixth, seventh, ninth, eleventh, fifteenth days, 2d dil. on nineteenth, twenty-fourth, thirty-sixth days, 1st dil. thirty-seventh day, tincture 10 drops, forty-fourth and forty-fifth days; **22**, Dr. W. Irving Thayer, of Brooklyn, MS. proving sent to the editor of this work (for day-books see Trans. N. Y. State Hom. Med. Soc., N. S., vol. iii), took 1st cent. dil., six doses of 10 to 20 drops each, first day; 1st dec. dil., five doses, 10 to 60 drops each, second day; six doses of ⅕th dil. third day; tincture, five doses of 5 to 10 drops each, fourth day; four doses, 15 to 40 drops each, fifth day; four doses, 30 to 80 drops each, seventh day; three doses, 75 to 100 drops each, ninth day; three doses, 15 to 25 drops each, twelfth day.

Mind.—Confusion of mind,[20].—Disinclination to speak (in one case),[10].

Head.—Vertigo. A little vertigo (after fifteen minutes),[7].—In rare instances, there is slight vertigo, but this was observed in only two cases,[4].—***General Head.*** Head feels empty (after one hour and a quarter),[7].—Uneasiness in the head (after five minutes),[13].—Slight uneasiness in the head, which during the forenoon increased to a pain in the occiput, then extending to the forehead; this disappeared late in the afternoon (after one hour, sixth day),[21].—Headache (after three hours and a half),[15]; (thirteenth day),[22].—Some headache (after one hour and ten minutes),[7].—[**10.**] Headache came on towards dinner-time (noon), but did not affect my appetite (fifteenth day),[21].—Headache had disappeared in the morning, but came on again during the day, and lasted until I went to bed (sixteenth day),[21].—Headache almost every day just about noon, for over two weeks after taking,[21].—Headache and suffocative feeling (forty-fourth day),[21].—Headache, dull pain, mostly on the left side, during the soreness of throat (twelfth day),[21].—Headache returned about noon; dull aching pain same as before, hurried breathing, pressure on the chest, and great anxiety, with palpitation of the heart, with pain in region of heart. These symptoms lasted five days, becoming less severe each day (twenty-fourth day),[21].—***Forehead.*** Front and top of head have a dull throbbing ache, at 7.30 P.M. (twelfth day),[22].—Suddenly a headache, throbbing pains in the forehead and top of

the head; next came pains in chest and around the heart; pain in forehead became less, but increased in severity in the chest and about the heart (forty-fifth day),[21].—***Occiput.*** Pain in the lower part of occiput (fifteenth day),[21].—Aching pain in the lower part of the occiput, which increased in severity for two hours, when it gradually passed off (after one hour, seventh day),[21].—[**20.**] Dull pain on the left side of the head in the occiput, during the evening (eleventh day),[21].—Dull pain in lower part of occiput, extending over left side of head to the forehead. Great weakness, palpitation of the heart; pains in chest of a stitching character. These symptoms lasted all day. The weakness lasted for three days (after two hours, thirty-seventh day),[21].—Heavy dull pain in the lower part of the occiput, worse on the left side (after two hours, nineteenth day),[21].

Eye.—Objective. This morning, also yesterday morning, noticed bright-red spot upon cornea of right eye near the iris. In both eyes a vascular appearance, as from cold or overwork (fifth day),[22].—After waking, found the cornea injected with blood and quite red, at 5.30 P.M. (seventh and ninth days),[22].—***Lids.*** Eyelids stiff and heavy, very heavy (thirteenth day),[22].—***Lachrymal Apparatus.***—Augmentation of the lachrymal secretion (after ten minutes),[17].—Some lachrymation (after twenty minutes),[9]; (after fifty minutes),[7].—***Ball.*** Eyeballs begin to feel very sore when he rolls them, at 7.30 P.M. (twelfth day),[22].—***Pupil.*** Pupils slightly dilated,[13].—[**30.**] Contraction of pupil (nineteen cases),[12a].—Pupil contracted (after fifty minutes),[7].—Pupils slightly contracted (after one hour); additional contraction of pupils (after two hours and a half),[16].—Action of pupil rendered sluggish (eleven cases),[12a].—***Vision.*** Disturbance of vision,[20].—When the perspiration and flow of saliva were at their height sight became so dim that he could scarcely see a spittoon held near his mouth (after half an hour). Sight still dim; cannot distinguish objects brought close to his eyes (after one hour). Vision suddenly restored, quite spontaneously (after two hours),[5].—Sight became blurred; at the distance of four feet I could see my wife, but could not distinguish her eyes; the impaired vision continued, but it was only at a distance; near objects I could see distinctly enough (after three-quarters of an hour),[13].—Mist before his eyes (after forty minutes); he could not see anything on the other side of the ward, a distance of about twenty-five feet, but he could see any one standing by the side of his bed distinctly; the pupils were not altered from their normal condition (after one hour and ten minutes); no derangement of vision (after one hour and forty minutes),[14].—Clouds before the vision,[20].—Everything at a distance appeared hazy, and although he could read moderate-sized type at one foot, at two feet it was indistinct (similar disturbance of vision was noticed in several other cases),[12].—[**40.**] Swimming of distant objects, so that the patient does not recognize one entering the room until he comes close to the bed,[20].—During the sweating and salivation, appearance as of numerous white spots before the eyes like flakes of snow, but without dimness of vision (after twenty-eight minutes). A sort of mist before the eyes; in spite of wiping the eyes and frequent winking, the sight remained dim and the appearance of snowflakes continued (after thirty minutes). Sight restored suddenly; no mist, but still some white points moving before the eyes (after forty minutes). Dimness of sight returns, with annoying pricking in the eyes, obliging him to wipe them hard (after fifty minutes). The state of the vision is constantly changing, becoming suddenly more or less dim every few moments (after one hour),[5].

Nose.—Nasal discharge begins (after thirty-five minutes),[7].

Face.—Slight increase of color (after half an hour, ninth day),[22].—Redness and heat of face; feels throbbing of temporal arteries, and increased warmth in the face, but skin still dry (after fifteen minutes),[3].—Face and body very red (after twenty-eight minutes),[7].—Flushing of the face (after ten minutes),[17]; (after half an hour),[16]; (after thirty-five minutes),[15].—Flushing of the face, ears, and neck (after half an hour); flush of face had passed off (after one hour and three-quarters),[15].—In those instances in which sweating took place the face became flushed, and was most marked when the perspiration was greatest; the flush involved the cheek and the ears, but soon passed away and was succeeded by pallor,[11].—Face covered with suffused flush (one case),[10].—[**50.**] Slight paleness, as the action of the medicine began to decline,[16].

Mouth.—Tongue. Tongue covered with a light fur (took *China*, at 10 A.M.), (thirteenth day),[22].—***General Mouth.*** Great dryness of the mouth (after twelve and twenty-four hours),[20].—Heat in mouth (after fifteen minutes),[7].—***Saliva.*** Secretion of saliva began to increase (after five minutes),[13].—Secretion of saliva above the normal (in one case); very profuse (in second case),[10].—Secretion of saliva began to increase (after five minutes); the saliva for a time required almost constant ejection; the secretion of this from the glands in the cheeks caused a kind of collapsed feeling in them; saliva distinctly alkaline, measured 16 ounces in addition to that which flowed on the pillow while I slept,[13].—Profuse secretion of saliva,[20].—Salivation sets in (after fifteen minutes),[9].—Salivation commences (after twenty minutes), and in a few minutes after, the mouth is literally flowing with water; this continues for four or five hours, and during that period from 10 to 16 ounces of fluid may be easily collected,[18].—[**60.**] Commencement of salivation (after fifteen minutes); increased salivation (after twenty minutes); salivation has been diminishing for ten minutes (after one hour and fifty-five minutes); no salivation (after three hours and five minutes),[8a].—Salivation begins (after fifteen minutes); flow of saliva decidedly set in (after twenty minutes); salivation at its height; spits fifteen times a minute (after thirty-five minutes); salivation less (after one hour and a quarter); still some salivation (after one hour and fifty-five minutes),[7].—Free salivation, with profuse sweating (after three-quarters of an hour),[1].—Profuse salivation (after ten minutes),[17].—Salivation profuse (after thirty-five minutes, and one hour and a half); action of salivary glands still continuing (after three hours and a half); total amount of saliva 13 fluid ounces,[15].—Salivation and perspiration continued to be profuse until my sight became blurred,[13].—There was some salivation in all the experiments, and in two cases it was profuse; but in the lad on whom two observations were made the effect on the salivary glands was very slight. The salivation was much more profuse in the lad whose skin remained dry. The salivation, when it occurred to a marked extent, began simultaneously with the sweating, was greatest when the sweating was most profuse, and lasted as long as the sweating. When the increase of the saliva was but slight, it was difficult to tell when the increase began, or how long it lasted. In the case of the lad who failed to perspire, the salivation became profuse in fifteen minutes, and so continued during three hours and a quarter, and then in a less degree for seven hours,[11].—Flow of saliva (after ten minutes),[3].—Saliva collecting in the mouth (after half an hour); saliva 3 fluid ounces (after one hour); increased to 6 fluid ounces (after one hour and a half); amounts to 8 fluid ounces (after two hours); 10 ounces (after two hours and a half); saliva 12 fluid ounces (after three hours); thirteen

fluid ounces (after three hours and a half); 14 fluid ounces (after four hours); salivation had ceased (after four hours and a half),[16].—Mouth began to fill with saliva (soon after half an hour); salivation quite abundant (after one hour and a half); very free (after two hours); much diminished (after two hours and a half); saliva 12 ounces,[15].—[70.] Complained that his mouth was filling with water (after forty minutes); salivation continued (after one hour and ten minutes); no salivation (after one hour and forty minutes),[14].—The quantity of saliva amounted to above 250 c.c.,[20].—Constant spitting of very alkaline saliva (after twenty-five minutes). Salivary secretion extremely active; submaxillary gland especially enlarged; on pressing it there is a gush of saliva under the tongue (after thirty-five minutes). On rising, felt weak; skin still moist, with some flow of saliva. Sat with forehead resting on edge of table, and let saliva run into a vessel on the floor. Remained in this position, the saliva flowing constantly, for an hour and a half (after two hours and five minutes). Tried to sleep, but had to clear the mouth of saliva every two or three minutes (after four hours and five minutes). Flow of saliva entirely ceased (after four hours and thirty-five minutes.) Total amount of saliva, 750 cubic centimetres, stringy, but not very viscid,[3].—Urea in notable quantity found in the saliva,[2].—***Taste.*** Mawkish bitter taste (to the infusion),[13].—***Speech.*** Speech so affected that articulation was both difficult and indistinct,[13].

Throat.—Dryness of back of throat (after fifty minutes),[3].—During the forenoon my throat felt dry and inflamed; everything swallowed caused a scraping sensation; in the afternoon the inflammation increased; the tonsils were slightly swollen and the jaws a little stiff; this soreness lasted for two days (seventh day),[21].—Quite a sore throat, smarting pain; headache, dull pain, mostly on the left side; breathing hurried; the sore throat and headache lasted all day and evening till I went to bed (twelfth day); the next morning the headache had gone, but my throat felt so sore that for a time I seriously feared an attack of diphtheria; it gradually wore off, however, during the day, and the next day I was quite well,[21].—***External Throat.*** Moderate swelling of the submaxillary glands (after twelve and twenty-four hours),[20].—[80.] Pain in the submaxillary glands (second day),[20].

Stomach.—Appetite. When I took the drug I felt quite hungry, but soon after taking it the hunger left me, and on sitting down to breakfast I could not eat; about two hours afterwards became very hungry (fifteenth day),[21].—***Thirst.*** Urgent thirst (after three hours and thirty-five minutes),[3].—***Eructations and Hiccough.*** Eructations and vomiting,[20].—Hiccough,[20].—***Nausea and Vomiting.*** Felt squeamish, although I was able to attend to business (second day),[13].—Sickness (in both cases),[10].—Sickness of the stomach (after three hours and a half),[15].—Was sick and vomited a quantity of saliva which I had swallowed (after one hour and a half); putting my finger into my mouth vomiting was further excited, until a portion of the Jaborandi returned,[13].—They were a little sick, faint, and prostrate,[11].—[90.] Vomited half an hour after eating supper,[16].—In some cases vomiting is produced, either at the beginning or end of the effect,[4].—The lad who failed to perspire vomited; the vomiting came on suddenly and was not repeated,[11].—***Stomach.*** Distress at the stomach (which may be owing to the alcohol in the tincture, more than to the Jaborandi); it is a burning pain, not that dyspeptic ache experienced yesterday (fifth day),[22].—Considerable distress, both in the stomach and lower

half of œsophagus, especially the latter feels constricted, aching heavily (took *Puls.* 1st, at 3 P.M., which completely controlled the dyspeptic distress), (thirteenth day),[22].—Dull, heavy distress in the pyloric portion of the stomach, as though some hard indigestible substance was lying there, relieved by eating a full meal, at dinner-time (fourth day),[22].—Constrictive feeling in the stomach, as though the rugæ were puckered up (probably owing to the alcohol of the tincture, as it was taken clear), (seventh day),[22].

Abdomen.—Empty, gone feeling in the bowels (twelfth day),[22].

Stool.—Diarrhœa. Stool at 6.30 A.M., very loose, came with a gush; stool at 7.30 A.M., stool at 8 A.M., all thin, watery, yellow, and came with a gush; at 9.30 A.M., another stool; at 10.30 A.M., another; at 11.30 A.M., another; at 1 P.M., the eighth stool; has felt a goneness, an emptiness, from the diarrhœa, but no pain whatever; at 3.25 P.M., another stool, which came with a gush, yellow, watery, undigested, no pains; at 5.25, stool like the last; at 6 P.M., stool; felt a little weak at night, having had eleven copious, watery, undigested stools since 7 A.M. (twelfth day),[22].—Continues to have from five to ten stools a day, of a yellow color, and watery, painless. (Took two small doses of *Gummi gutt.*, 3d trit., which cured the diarrhœa), (sixteenth day),[22].—[**100.**] Five painless stools during the day, yellow, thin, watery, better digested (fourteenth day),[22].—Three stools during the day (his usual number); the last one, at 8.30 P.M., somewhat harder, constipated (second day),[22].—Two stools during the day (eighth day),[22].—Two movements during the day, more papescent (seventh day),[22].—Two stools only during the day, the first at 7 A.M., more papescent than three days before; the second at 9 A.M., thin and yellow (tenth day),[22].—Stool at 7 A.M., papescent and very large (ninth day),[22].—Stool thin, better digested, with more control over sphincter ani, at 9 P.M. (twelfth day),[22].—Stool yellow, better digested, but came with a gush, at 2 P.M. (thirteenth day),[22].—Bowels moved at 7.30 A.M., with this difference, the discharges were less papescent than heretofore; the first portion of the evacuation was $\frac{5}{8}$ of an inch in diameter and about 5 inches in length; the latter portion was papescent, color dark-brown (fourth day),[22].—***Constipation.*** Constipated; two motions in the day instead of three, as usual (fifth day),[22].—[**110.**] Stool at 7 A.M., and again at 7 P.M., both exceedingly difficult to evacuate, consisting of long, large, and very dark fæces (eleventh day),[22].

Urinary Organs.—Burning in the urethra in two cases, with urging to urinate,[20].—Secretion of urine increased (750 c.c. during the perspiration),[20].—When administered in fractional doses, Jaborandi does not produce either perspiration or salivation, but becomes a powerful diuretic,[2].—The quantity of urine diminishes in a very noticeable manner on the day the remedy is administered, but on the next day there is sometimes a slight augmentation, sometimes the usual amount,[2].—Urine dark-colored,[20].—The urea diminishes on the day the Jaborandi is given, increases slightly again on the next day, and then falls to the normal amount,[2].—Chlorine and the chlorides, as well as the uric acid, also undergo the same quantitative changes, and diminish on the first day only to increase on the second,[2].—Augmentation of the bronchial secretions (after ten minutes),[17].—We noticed an increase of the bronchial secretion, indicated by a loose cough, only in the lad previously quite free from catarrhal symptoms, on whom two observations were made, and in whom but a slight increase of salivary secretion occurred; the bronchial secretion was much more abundant in the first than in the second observation; indeed, in the second there was very little cough,[11].—[**120.**] Hurried breathing (after two hours,

nineteenth day),[21].—Breathing hurried, during the soreness of throat (twelfth day),[21].

Chest.—Pains in chest and around the heart (forty-fifth day),[21].—Could not get to sleep for two hours after going to bed, on account of anxious and oppressed feeling in the chest (eleventh day),[21].—Pressure on chest, and great anxiety, with palpitation of heart, and pain in region of heart (twenty-fourth day),[21].—Sense of heavy pressure on the chest, hurried beating, and great prostration; symptoms became so bad that I was obliged to go to bed; for half an hour after going to bed could only breathe with great difficulty (forty-fifth day),[21].—Pains in chest, of a stitching character (after two hours, thirty-seventh day),[21].

Heart and Pulse.—Præcordium. Pain in region of heart (twenty-fourth day),[21].—The pains about the heart were very severe, accompanied with severe palpitation; this condition lasted two hours in its severest form, then gradually abated (forty-fifth day),[21].—***Heart's Action.*** Palpitation of heart (after two hours, nineteenth day),[21].—***Pulse.*** [130.] Tracing No. 1 represents the normal pulse of the subject; its general aspect is rectilinear, excepting a very slight curve corresponding to a respiratory movement; the ascending line is short and somewhat oblique; the descending line nearly horizontal; the natural dicrotism is well marked. At the commencement of sweat the pulse becomes more rapid, and the tracing assumes a different appearance; its general outline becomes a little crooked; the rising line is larger and more upright; the descending line, therefore, more oblique, with more of the dicrotic character. At the height of the sweating period, the general outline becomes strikingly irregular; moreover, the beats are no longer isochronous, some being shorter than others. When the morbid activity of the secretory organs has passed off, the general outline becomes regular again, but the ascending line is shorter and more oblique, the descending line longer and nearly horizontal, with hardly a trace of exaggerated dicrotism,[6].—Sphygmographic tracings, taken at different stages of the administration of this drug, showed almost complete asystolia, with a very noticeable diminution of vascular tension during the sweating stage,[2].—Pulsation was quickened while the action of the medicine lasted (in both cases),[10].—In each experiment the pulse became considerably quicker, the increase varying from forty to fifty minutes; the pulse reached its quickest in twenty-five to eighty minutes after administration; the quickened pulse continued more than four hours; no close relation existed between the rapidity of the pulse and the fall of temperature; in one lad whose pulse was intermittent, the medicine entirely removed this irregularity,[11].—At the moment the sweat was produced, there was an increase of the pulse and of temperature; then during the period of active sweating, it was sometimes noted that these two elements remained at the same point as at the outset of the experiment; sometimes there was a slight diminution; but after sweating, a very notable lowering of the pulse and of the temperature were observed, which sometimes lasted two days after the experiment (in thirty-two experiments),[2].—Pulse rose from 88 to 120,[17].—Pulse rose from 12 to 20 beats during the first few hours (the reverse of temperature), and returned to its normal rate with the return of the normal temperature, but became soft and compressible,[20].—Pulse 108 (normal 80), (half an hour after 80 drops), (seventh day),[22].—Pulse 100 (temperature normal), at 6 P.M. (twelfth day),[22].—Pulse 94 (an increase of 14 from 150 drops of the tincture taken within an hour), (ninth day),[22].—[140.] Pulse 96 (when first noted), 104 (afterwards);

88 on awaking (second morning), normally 80,[13].—Pulse 90 (before taking); 104 (after forty minutes); 96 (after one hour and ten minutes); 90 (after one hour and forty minutes); 96 (after two hours and a half),[14].—Pulse 80 (before taking); 96 (after thirty-five minutes); 108 (after one hour and a half); 112 (after three hours and a half); 90 (five hours and a half); 88 at 10 A.M. (second day),[15].—Pulse 78 (before taking); 84 (after fifteen minutes); 86 (after twenty-two minutes); 87 (after forty minutes); 87 (after one hour and a quarter); 76 (after five hours and a half); 70 (second day),[9].—Pulse 75 (before taking); 90 (after half an hour); 108 (after one hour and a half); 100 (after two hours); 88 (after two hours and a half); 80 (after three hours and a half); 78 at 10 A.M. (second day),[15].—Pulse 77 (before taking); 90 (after one hour); 93 (after one hour and a half); 94 (after two hours); 92 (after two hours and a half); 90 (after three hours); 82 (after three hours and a half); 80 (after four hours and four hours and a half),[16].—Pulse 80 (before taking); 100 (after fifteen minutes); 96 (after twenty minutes); 100 (after thirty-five minutes); 104 (after fifty minutes); 100 (after one hour); 96 (after one hour and ten minutes); 88 (after one hour and thirty-five minutes); 90 (after one hour and fifty-five minutes); 76 (after two hours and five minutes); 78 (after three hours and five minutes),[8a].—Pulse 78 (before taking); 100 (after fifteen minutes); 96 (after twenty minutes); 100 (after thirty-five minutes); 104 (after fifty minutes); 100 (after one hour); 96 (after one hour and ten minutes); 96 (after one hour and a quarter); 90 (after one hour and fifty-five minutes); 76 (after two hours and five minutes); 78 (second day),[7].

	Pulse.						
No.	Before taking.	Beginning of sweat.	Maximum of sweat.	Decline of sweat.	After sweat.	First day after.	Second day after.
2	79	"	87	"	78	72	"
3	60	85	85	84	66	54	"
4	78	100	100	96	78	78	" 8

General Symptoms.—Very soon the face becomes red; the temporal arteries throb more strongly; then there is a peculiar feeling of heat in the mouth and on the face, and the flow of saliva begins. In a little while the forehead becomes moist, and the face more red; then beads of perspiration appear on the forehead, cheeks, and temples. The flow of saliva increases, all the salivary glands successively contributing to this effect; the mouth is filled with immense quantities of fluid, and expectoration is incessant; at the same time perspiration covers the face and neck; then the whole body becomes red and moist, and a pleasant warmth is experienced; in a few minutes perspiration breaks out over the whole surface, and soon runs down on all sides. Meantime other symptoms have supervened. The eyelids first become moist, then the lachrymal secretion gradually augments, and after collecting in the canthi, rolls slowly over the cheeks; at the same time there is a copious discharge from the Schneiderian membrane, increased by the tears which escape through the nasal canal; moreover, there is heightened activity of the mucous glands of the back-throat, trachea, and bronchi. All these effects reach their maximum of intensity in about three-quarters of an hour after taking the drug, continuing thus for thirty or forty minutes. Lying on one side, that the saliva may run more freely, the patient spits ten or fifteen times a minute; the flow is so rapid that he can scarcely speak; the salivary glands are enlarged,

and the mouth becomes hotter. From time to time the mucous accumulations in the bronchi are cleared away by a slight cough; the sight is dimmed by the flow of tears. The body is bathed in perspiration; a shirt is wet through in a few moments. Now, a feeling of comfort, or of weakness, as the case may be, is experienced. Thirst is intense. The pupils are slightly contracted. By degrees the excessive activity of the secretory processes is diminished; in an hour and a quarter, or an hour and three-quarters, the lachrymation, the nasal discharge, the bronchial expectoration, and finally, the flow of saliva, and the perspiration, are sensibly lessened, and the parts involved gradually return to their normal condition. When the perspiration and flow of saliva have ceased, the subject is prostrated and drowsy. The parts which secreted so copiously are now very dry, especially the mouth and back-throat. There is also much thirst,[4].—[150.] A few minutes after it was taken there was a subjective feeling of warmth, and the face presented a more or less red appearance, and the skin felt warmer than usual. Soon afterwards the salivary glands began to pour out their secretion more copiously into the mouth, and then a feeling of nausea supervened, which, however, usually disappeared in a few minutes, although in fever patients vomiting sometimes occurred. A few minutes after the commencement of the secretion of saliva the skin became moist, at first on the chest, and then successively on the other parts of the body, the upper extremities pouring out enormous quantities of perspiration, but the lower ones being less affected. About an hour after the drug was given there was generally a disturbance of vision, distant objects being misty and indistinct, and only near ones being distinctly visible. About an hour and a half afterwards the patients complained, for the most part suddenly, of great nausea and retching, often with hiccough, and these symptoms sometimes terminated with vomiting. Three or four hours after the medicine was taken the secretion of sweat diminished and gradually disappeared, that of the tears and that from the nose had already ceased, and only the secretion of saliva continued, and usually only for a few minutes. The disturbance of vision and nausea also soon ceased, but the appetite was impaired, and the patients complained of headache. At the same time a desire for sleep often supervened, and the patients sunk into a deep slumber, lasting for several hours, and when they woke all the symptoms generally disappeared, with a few exceptions. The most striking and constant symptom in the action of Jaborandi is the hypersecretion of certain glands of the skin, and of particular mucous membranes, and the sweat-glands are chiefly called into heightened activity. The loss of fluid by the skin and lungs is estimated at about five times the natural amount. The salivary secretion is also notably increased, and likewise the tears are augmented, and the secretion from the nose. The effect on the secretion of the urine is not constant, but it is clear that the amount of this fluid will be diminished under the enormous loss of water by the skin and the saliva,[19].—Increased circulation (after five minutes),[13].—Appeared much depressed (in one case),[10].—Weariness (after two hours, nineteenth day),[21].—Tried to walk about the room, but felt very weak, his legs giving way under him (after three hours and thirty-five minutes),[3].—Prostration of strength; even a short walk causing weariness, hurried breathing, and palpitation of the heart; these symptoms lasted for four days (after two hours, nineteenth day),[21].—Profound collapse (in one case),[20].—Attacks of faintness,[20].—Restless and anxious, during the evening (eleventh day),[21].—Became restless (after five minutes),[13].—[160.] Exhausted feeling (sixteenth day),[21].

Sleep and Dreams.—Sleepiness. In three cases the medicine produced considerable drowsiness, the lad falling asleep during the observations,[11].—Sat down to read the evening papers, and went to sleep in spite of myself; slept half an hour, at 5 P.M. (seventh day),[22].—Feels quite willing to retire, and does so, at 7.30 P.M. (twelfth day),[22].—Is in the habit of retiring to bed at about 9 P.M., and laying with book in hand and reading for an hour or more; was so sleepy he could not read; always sleeps well, but for the past two nights has slept very profoundly (fourth day),[22].—Sleep at night very profound (second day),[22].—Slept one hour in the daytime, *very profoundly;* since proving, his slumber is *very heavy* (thirteenth day),[22].—Slept soundly last night (always sleeps well); is generally disposed to talk in his sleep; talked more last night (sixth day),[22].—***Sleeplessness.*** Did not sleep well that night, from restlessness, and on account of sensation of firm pressure on the chest, with hurried breathing (fifteenth day),[21].—Fell asleep at 9.30 P.M., and spent one of the most wretched nights he ever remembers; a good smart fever, increased pain in the head, none in the abdomen, general malaise, *no* thirst; very restless, talking, moving, with some delirium (twelfth day),[22].—***Dreams.*** [170.] Towards morning, sleep disturbed by very distressing dreams (*Bell.* 1st relieved the fever and restlessness), (thirteenth day),[22].—Dreamed of accidents and fights, which woke me up twice during the night (eleventh night),[21].

Fever.—Chilliness. In patients not suffering from fever the drug caused in only a very few cases some lowering of the temperature of the body, but in the fever cases, ten in number, the temperature fell in seven,[19].—In each observation a decided fall in temperature occurred. In two cases accompanied by sweating the fall amounted to 1° Fahr., and in another, likewise accompanied by sweating, it reached 2.6°; but as this observation was begun in the afternoon and continued until the evening, it is impossible to tell the proportion of the fall assignable to the medicine and to the natural diurnal fall, which in children of ten to twelve, usually begins between 4 and 5 o'clock. The reduction of the temperature persisted for the rest of the day, but in the two morning observations the lowest temperature was reached in about one hour and a half after the administration of the medicine. In one case the fall began immediately; in another case in forty minutes; in another instance in eighty minutes. In the lad whose skin remained unperspiring, there was a fall of 0.6°, which, beginning forty-five minutes after the administration of the medicine, lasted only two hours and a half,[11].—The temperature was not taken, but the depression was never very great; but I began to shiver (after three-quarters of an hour),[13].—In taking his temperature 98.5°, he was obliged to uncover himself, and immediately felt cold, with horripilation and griping in the bowels, as after a purge, but there was no movement. This last symptom ceased in a quarter of an hour; the chills still sooner, since he again began to perspire most profusely, immediately on covering up (after twenty-five minutes),[3].—The temperature usually sank from .3° to .6° Cent. during the first three hours, and then rapidly regained the normal rate,[20].—Temperature fell quite one degree, although at first it was raised a little (in both cases),[10].—Began to feel cold, chilly, up and down the back, at 7 P.M. (twelfth day),[22].—***Heat.*** At the moment the sweat was produced, there was an increase of the temperature and of the pulse; then during the period of active sweating, it was sometimes noted that these two elements remained at the same point as at the outset of the experiment; sometimes there was a slight diminution; but after sweating, a very notable lowering of the temperature and of the pulse

was observed, which sometimes lasted two days after the experiment (in thirty-two experiments),[2].—[**180.**] Temperature 37.2° (before taking); 37.4° (after fifteen minutes); 37.5° (after twenty minutes); 37.6° (after twenty-eight minutes); 37.5° (after thirty-five minutes); 37.4° (after fifty minutes); 37.4° (after one hour); 37.2° (after one hour and ten minutes); 37.1° (after one hour and a quarter); 36.3° (after one hour and fifty-five minutes); 36.3° (after two hours and five minutes); 37.2° (second day),[7].—Temperature in mouth 98.6° (before taking); 99.5° (after thirty-five minutes); 100° (after five hours and a half), and at 10 A.M. (second day),[15].—Temperature (after one hour and a half), 99.7°; (after three hours and a half), 99° in the axilla, 98.25° Fahr. (before taking); 97.9° (after forty minutes); 97.9° (after one hour and ten minutes); 96.6° (after one hour and forty minutes); 96.8° (after two hours and a half).[14].—Temperature in the axilla 99.2° (before taking); 99.4° (after half an hour); 99.5° (after one hour and a half); 99.8° (after two hours); 99.4° (after two hours and a half); 99° (after three hours and a half); 99° at 10 A.M. (second day),[15].—Temperature from 99.7° to 103.1°,[17].—Thermometer (half an hour after 80 drops), 77°

					Temperature (Centigrade).						
No.	Sex.	Age.	Preparation used.	Dose.	Before taking.	When beginning to sweat.	At height of sweat.	At decline of sweat.	After sweat.	First day after sweat.	Second day after sweat.
1	M.	24	Leaves.	6 gr.	37.1°	"	37°	36.5°	36.8°	"	
2	"	20	"	4 gr.	36.9°	37.7°	"	37.4°	37.2°	36.9°	"
3	"	40	Extract	1.20 gr.	37.2°	37.6°	37.5°	"	37.3°	37.2°	"
4	"	27	Leaves.	5 gr.	37.2°	37.6°	37.4°	36 3°	36.4°	37.2°	37.2° [8]

(seventh day),[22].—Felt a glow (after five minutes),[13].—Sense of heat in face and over body (after fifteen minutes),[7].—The glow (fever) which commenced in the face has now extended all over the body, at 9 P.M. (twelfth day),[22].—[**190.**] Felt a gentle glow upon the face, as from exposure to sun and wind (after half an hour, ninth day),[22].—***Sweat.*** Sweat breaks out on the face and upper part of the chest, which have been quite red for five or six minutes, (after fifteen minutes); maximum of sweat (after forty minutes); sweat begins to decline (after one hour and a quarter); no sweat (after two hours and twenty-five minutes),[9].—Simultaneously with the flow of saliva, the perspiration appears on the forehead and over the whole body; it extends even to the limbs, but is most marked on the trunk[4]; this can be produced in a room with temperature ranging from 54° to 56° Fahr., and without putting the patient to bed; the sweating continues for several hours,[18].—Moisture on the forehead (after half an hour); perspiration over entire body (after one hour); still free (after one hour and a half); perspiration chiefly on face, legs, and feet (after two hours); perspiration continues (after two hours and a half); diminished amount of perspiration (after three hours); less (after three hours and a half); skin merely moist (after four hours, and four hours and a half),[16].—Perspiration became visible on the face of one of the boys (after ten minutes), and the whole body soon became enveloped in it; this continued more than an hour while I waited (in one case),[10].—Perspiring freely (after a quarter of an hour),[13].—Drops of perspiration appeared on the forehead (soon after half an hour); free but not profuse perspiration over the whole body (after one hour and a half); less perspiration (after two hours); skin merely moist (after two hours and a half),[15].—Copious perspiration (half an hour

after 80 drops), (seventh day),[22].—Commencement of sweat (after fifteen minutes); forehead covered with sweat; body still dry (after twenty minutes); commencement of general sweat (after twenty-five minutes); sweat copious (after thirty-five minutes); at its maximum (after forty minutes); begins to decline (after one hour); much diminished (after one hour and thirty-five minutes); no sweat (after two hours and five minutes),[8a].—Skin of forehead a little moist (after fifteen minutes); perspiration begins to show in drops on forehead, rest of body moist (after twenty minutes); general sweat commences (after twenty-eight minutes); copious sweat all over (after thirty-five minutes); sweat at its height (after fifty minutes); appears to be diminishing (after one hour); going off (after one hour and ten minutes); sweat almost over (after one hour and fifty-five minutes); no sweat (after two hours and five minutes),[7].—[200.] Profuse perspiration (after ten minutes),[17].—Profuse perspiration (after from five to forty-five minutes), in one case (after six hours and a half),[20].—Perspiration profuse (after thirty-five minutes, and one hour and a half); action on skin still continues (after three hours and a half); skin natural (after five hours and a half),[15].—Skin dry (just before taking); moist over the whole body; the face and forehead perspiring profusely (after forty minutes); skin perspiring profusely (after one hour and ten minutes); less moist (after one hour and forty minutes); natural (after two hours and a half),[14].—Profuse sweating, accompanied by free salivation (after three-quarters of an hour),[1].—In three instances the drug produced perspiration; one lad's skin remained quite dry throughout the experiment. In two of the lads perspiration set in in from ten to fifteen minutes; in the third case it was delayed for thirty-five minutes, becoming profuse in from twenty to thirty-five minutes, and continuing thus from thirty minutes to one hour and a half, and then remaining slight from two to four hours and a half,[11].—Sweats quite profusely; the skin of the finger-ends is shrivelled like a washerwoman's (after thirty-five minutes); bedclothes drenched (after forty-five minutes); sweat begins to abate (after fifty minutes),[3].—Excessive perspiration from all parts of the body; a Turkish bath was nothing to it; night-shirt soaked with perspiration; when the action was at its height, on uncovering my arm the perspiration passed off in steam from my hand and night-shirt sleeve,[13].—Perspiration runs down all over the body; it is of neutral reaction (after twenty-five minutes),[3].—Before taking, I perspired very easily, but did not sweat at all while proving,[21].—[210.] Perspiration starts on the face (after twenty-two minutes),[3].—Urea in notable quantity found in the perspiration,[2].

Conditions.—Aggravation.—(*About noon*), Almost every day, headache.

Amelioration.—(*Eating*), Distress in stomach.

JACARANDA.

Jacaranda caroba, De C.

Natural order, Bignoniaceæ.

Preparation, Trituration of the flowers.

Authority. Mure, provings 1 and 2, Pathogénésie Brésil., p. 279.

Head.—General Head. Heaviness of the head, which is painful all day (fifth day),[2].—Dull pains in the head, all day (third day),[2].—Sense of fulness in the head, in the afternoon (second day),[1].—Headache all day (twelfth day),[2].—***Forehead.*** Dull pain between the forehead and right

temple, it disappears on pressing from the other side, in the evening (second day),[1].—Extensively felt pressive pain from the right upper part of the forehead to the eye, at noon (third day),[1].—Pain as from a peg pressing vertically against the right side of the forehead (eighteenth day),[1].—***Temples.*** Painful fulness in the right temple, shifting a moment after to the left temple, and disappearing when it reaches the left side of the nape of the neck, in the evening, in the open air (second day),[1].—Dull pain in the right temporal region, at 10 A.M. (sixth day),[1].—[**10.**] Slight pain in the right temple, as from the simultaneous pressure of several blunt points (third day),[1].

Eye.—Inflammation of the eyes (twelfth day),[2].—Dull pain at the outer side of the right eyebrow, it ceases in the open air (sixth day),[1].—Dull pain in the right orbit (third day),[1].

Ear.—Heat of the left ear, with hot digging pain extending to the left nostril, at 2.30 P.M. (fourth day),[1].—Sensation as if the left ear were stopped up, at 3 P.M. (fourth day),[1].—Noise in the ears, like the flapping of butterflies' wings, at 8 A.M. (third day),[1].

Nose.—Sneezing and fluent coryza, at 8.30 A.M. (third day),[1].—Violent sneezing (eighteenth day),[1].—Coryza, at 12.30 P.M. (third day),[1].—[**20.**] Coryza, with heaviness and weariness at the vertex, forehead, and eyes, at 9 A.M. (fourth day),[1].—Coryza, with digging, lancinating pain in the left side of the forehead, corresponding to the palatine arch of the same side, at noon (fourth day),[1].—Profuse watery discharge from the nose (nineteenth day),[1].—Stoppage of the nose, at 3 P.M. (third day),[1].

Face.—Slight drawing pain from the eye to the right lower jaw, followed by shuddering of the skin in the same region, at 11 A.M.; this pain returns and becomes contusive (second day),[1].—Sensitiveness of the malar bone when pressed by the finger (second day),[1].

Mouth.—Pain of excoriation on the left side of the tongue (second day),[1].—Dryness of the lips, mouth, and tongue (fourth day),[1].—Dry mouth, in the morning in bed (second day),[1].—Dry, clammy mouth (third day),[1].—[**30.**] Clammy mouth, at 6 A.M. (third day),[1].—Bad taste in the mouth, in the morning (twelfth day),[2].—Insipid or sour taste of food; sugar-water tastes like vinegar (nineteenth day),[1].

Throat.—Great dryness of the throat (sixth day),[2].—Feeling of constriction of the throat, lasting till evening (first day),[2].—Sore throat, with constriction of the pharynx and difficult deglutition (tenth day),[2].—***External Throat.*** Fatiguing drawing pain in the anterior cervical muscles, extending to the right ear, at 9.30 A.M. (third day),[1].—Piercing pain over the right external carotid, at 3.30 P.M. (third day),[1].

Stomach.—Appetite. Great appetite (sixth day),[1].—He eats little, although his appetite is good, at 9 A.M. (second day),[1].—***Nausea.*** [**40.**] Nausea (twenty-first day),[1].—Nausea while eating (twelfth day),[2].—***Stomach.*** Fulness in the pit of the stomach, with feeble hurried breathing; sometimes a strong and long inspiration, with strong and sudden expiration, in the afternoon (second day),[1].—Vertical drawings above the pit of the stomach, at 4 P.M. (third day),[1].—Pressure at the pit of the stomach (twelfth day),[2].

Abdomen.—Umbilical. Sensation as if the skin were gripped, on the right side of the navel, at 1 P.M. (third day),[1].—Stitch and drawing on the right side below the stomach, at midnight (first day),[1].—Painful stitch on the left side of the umbilicus (second day),[1].—***General Abdomen.***

Painful stitch in the abdominl integuments, between the umbilicus and pit of the stomach, a little to the right side, at 10 A.M. (third day),[1].—Colic; wind shifts about in the abdomen, followed by emission of inodorous flatulence, at 9.30 A.M. (third day),[1].—***Hypogastrium and Iliac Region.*** [50.] Acute pain in the hypogastrium on pressure (twelfth day),[2]. —Swelling of the right groin, which is painful to touch (eighteenth day),[1].

Rectum and Anus. The excrescence at the anus has considerably decreased for the past eight days (twenty-first day),[1].—The inflammation of the anus has disappeared (fourth day),[1].—Heat at the anus (twelfth day),[2].—Acute pain, with lancinations in the anus, as if a large thorn were stuck in three or four times (twenty-third day),[1].—Prickings around the anus (twelfth day),[2].—Itching at the anus, in the morning (twenty-fifth day),[1].—Itching at the anus, while sitting (second day),[1].

Stool.—Soft and easy stool (previous to the proving, the stools were generally hard and painful), (fourth day),[1].—[60.] No stool (second and third days),[1].

Urinary Organs.—The lips of the urethral orifice are inflamed on the inside; touching them causes a slight itching, which extends half way up the penis (twenty-sixth day),[1].—Emission of light-colored urine, four or five times a day (twenty-fifth day),[1].

Sexual Organs.—The lining membrane of the prepuce is inflamed (twenty-fourth day),[1].—The inflammation of the prepuce is less on the right side; it shifts to the left (twenty-fifth day),[1].—The inflammation has shifted from the inside of the prepuce to its margin, which has swollen considerably over night, is raw and bleeds in several places; the contact of the urine causes tearing pains, which affect the whole organism, and are followed by great malaise; the nervous system and the head and neck are painfully affected by these pains (twenty-sixth day),[1].—Profuse discharge of a yellowish-white liquid from the prepuce, smelling like ordinary pus (twenty-first day),[1].—Slight suppuration between the glans and prepuce, on the right side (fourteenth day),[1].—Painless suppuration of the pimple on the glans, with itching; it looks like a chancre (fifth day),[2].—Itching pimple on the glans penis, half as large as a kernel of wheat (fourth day),[2]. —[70.] The chancre-like pimple on the glans has desiccated spontaneously, leaving a painless red spot (sixth day),[2].—The prepuce cannot be drawn back (twenty-first day),[1].—Erections are painful on account of the continued swelling of the prepuce (twenty-seventh day),[1].—Heat and pain of the penis; the inflammation is increased by the warmth of the bed (twenty-first day),[1].—Slight pinching at the tip of the prepuce (sixth day),[1].—Penetrating pain in the prepuce, as if a small bundle of fibres were seized (twenty-first day),[1].—Pricking in the prepuce (twenty-first day),[1].—Itching and pricking on the margin of the prepuce (twenty-fifth day),[1].—The testicle remains a little swollen and painful (twenty-first day),[1].—Slight pains in the left testicle when walking, or from the pressure of the clothes (seventh to thirteenth days),[1].—[80.] Acute pain in the left testicle, when walking (sixth day),[1].—The swelling of the scrotum is less; increased suppuration of the glans (fifteenth day),[1].—The swelling of the scrotum has disappeared; the testicle is less painful; the suppuration has spread to the other side of the prepuce without affecting the glans (eighteenth day),[1]. —The swelling of the scrotum has entirely disappeared (twenty-first day),[1]. —The suppuration and inflammation of the scrotum are worse in the evening; the whole prepuce is affected (twenty-second day),[1].—Heat and swelling of the scrotum, near the left groin, with pain on rubbing or touching it

(fourteenth day),[1].—Total loss of sexual desire, with relaxation of the penis (twenty-seventh day),[1].—Emission every night (twelfth day).[2]

Respiratory Organs.—Dry cough (twelfth day),[2].—Cough with white watery expectoration (twelfth day),[2].—[90.] Hurried respiration, with sense of fulness under the sternum, several times in the course of the day (second day),[1].

Chest. Slight pain in the lower part of the right ribs, at 2.30 P.M. (second day),[1].—Acute, deepseated, drawing pain under the left last rib, at 6 P.M. (second day),[1].—Painful stitch under the right ribs, when drawing breath, for half an hour (twelfth day),[2]; (at noon), (second day),[1].—***Front.*** Pain under the sternum (twelfth day),[2].—Dull pain under the sternum, when raising the head and drawing breath (second day),[1].—Prolonged jerkings under the sternum (second day),[1].—***Sides.*** Drawing pain on right side, from the axilla to the false ribs at 9 A.M. (second day),[1].—Bruised pain in the right side, at 10.45 A.M. (third day),[1].

Heart and Pulse. Sensation as if the apex of the heart was painful on the right side, at noon (second day),[1].—[100.] Lancinating pain in the region of the heart (second day),[1].—Stitching sensation in the heart, at 9 P.M. (first day),[1].—Painful stitch at the heart, almost constantly (second day),[1].—Painful stitch at the heart, passing immediately to the other side, as if he had two hearts; at 11 A.M. (third day),[1].—Palpitation of the heart while going up and down stairs, with sharp pain, as if it were poked with the finger; at 9 P.M. (second day),[1].—The heart seems to beat slowly when leaning on the chest; at 9 P.M. (first day),[1].—The beating of the heart becomes regular on going into the open air (second day),[1].—The beating of the heart is no longer felt, in the morning in bed (second day),[1].—The beating of the heart is no longer felt under the left breast; it seems to beat in the pit of the stomach, at 6 A.M.; on movement the beating of the heart recommences, but is slow and feeble (third day),[1].—Pulse full and very slow, in the morning in bed (second day),[1].

Neck and Back.—Neck. [110.] Pain in the nape of the neck (twelfth day),[2].—The neck is so painful that the head cannot be turned to the right without great difficulty and pain (tenth day),[2].—Drawing from the lower jaw to the middle of the neck on the right side, in the evening (second day),[1].—***Back.*** Rheumatic pain in left scapula (first day), continuing until evening (third day),[2].—The pain in the calf has extended to the scapula, and is felt from the last ribs as far as the neck (tenth day),[1].—Pain in the back and chest (twelfth day),[2].—Stiffness of the loins with bruised pain in the abdomen and hypochondria; at 6 A.M. (fourth day),[1].

Extremities in General. Weariness of the limbs and inclination to remain seated (second day),[1].—Pains in the joints (twelfth day),[2].

Superior Extremities. Redness of the left arm (twelfth day),[2].—[120.] Pain in the left arm in the morning (twelfth day),[2].—***Elbow.*** Dull, cramping pain in the right elbow, then shifting to the left elbow (third day),[1].—Pain in the left elbow, penetrating by fits and starts almost all through the forearm; in the evening (second day),[1].—***Forearm.*** Dull pain above the wrist and in the radius; at 10.30 A.M. (third day),[1].—Drawing from the lower extremity of the ulna to the right little finger, at 1 P.M. (second day),[1].—Lancination from the elbow to the middle of the forearm, afterwards as far as the left wrist; from 9 A.M. to 3 P.M. (third day),[1].—Bruised pain in the bones of the right forearm, with lancination from the wrist to the forearm, at 6 P.M. (second day),[1].—***Wrist.*** Dull pain in the right wrist, penetrating to the middle of the forearm; the same sensation, but slighter, in the left

arm (second day),[1].—Momentary drawing in the flexor communis digitorum, left wrist, at 12.30 P.M. (second day),[1].—***Fingers.*** Slight pain in the second joints of the right fingers, at 9.30 A.M. (second day),[1].—[130.] One of the right finger-nails is painful as if bruised; at 3.30 P.M. (fourth day),[1].

Inferior Extremities. Weakness of the legs (second day),[1].—Weakness of the legs and lumbar region, at 2 P.M. (second day),[1].—Constant bruised feeling in the muscles and bones of the legs (second day),[1].—***Thighs.*** Sensation, while walking, as from dull thorns or straws between the thighs, or at times as if stiff, dry moss were applied to a raw sore (second day),[1].—***Knees.*** Weariness of the knees (twenty-third day),[1].—Rheumatic pain in the right knee; it ceases on movement (sixth day),[1].—Pain and bruised feeling in the right knee, when walking; of short duration, at 10 A.M. (second day),[1].—***Leg.*** Pain in the right leg (twelfth day),[2].—Rheumatic pain in right calf (eighth day),[1]; it is intense and prevents walking (eighth and ninth days),[2].

General Symptoms. [140.] Ability to take a long walk without fatigue (twenty-ninth day),[1].—Lassitude and dejection (twelfth day),[2].—Weary while talking (second day),[1].—Great weariness in the evening; he has to go to bed (twenty-second day),[1].—Debility (twenty-first day),[1].—General weakness in the morning (second day),[1].—Prostration; slight exercise fatigues him, and compels him to lie down (twenty-third day),[1].—Such prostration that he cannot speak (twelfth day),[2].—Great restlessness at night (eighth day),[2].—General malaise (twenty-first day),[1].

Skin.—Objective. [150.] Red spot, with a yellowish pellicle and itching on the forepart of the wrist, at 12.30 P.M. (fourth day),[1].—Ulcers on the legs (twelfth day),[2].—***Subjective.*** Itching on the forehead, as if mosquitoes alighted on it (sixteenth day),[1].—Itching at the left labial commissure, at 9 A.M. (third day),[1].—Itching of the scrotum (twenty-second day),[1].—Violent itching between the left ring and little fingers, and a red, itching spot on the second joint of the the ring finger (fourth day),[1].

Sleep and Dreams.—Sleepiness. Deep sleep (twenty-eighth day),[1].—***Sleeplessness.*** Sleepless at night and drowsy in daytime (second and twelfth days),[2].—Very restless night; sleep often disturbed, with very great difficulty in getting to sleep again (sixth day),[2].—Very restless sleep, with very eccentric dreams (fifth day),[2].—[160.] Sleep very restless; frightful dreams (third day),[2].—Always very restless at night; sleep disturbed and unrefreshing (seventh day),[2].—He starts out of his sleep with fright twice in the night (twelfth day),[2].—***Dreams.*** Dreams about things which he defends courageously against thieves, who lay a thousand snares for him; and about unknown fruits, which he desires to taste, but which soon vanish (sixth day),[1].—Dreams about a frightful storm, in which palaces are ruined and burned down, and great mountains fall, sending forth columns of steam (eighteenth day),[1].—Dreams about fighting and corpses; he picks up very small heads which had been half roasted on a brazier, and which opened their eyes and spoke to him very angrily (twenty-first day),[1].—Loud talking in dreams at night (twelfth day),[2].

Fever.—Internal coldness in the open air, as if the blood was frozen in the veins, lasting a quarter of an hour (twenty-seventh day),[1].—Fever (twelfth day),[2].—Dryness with pricking all over (first day),[1].

Conditions.—**Aggravation.**—(*Morning*), In bed, dry mouth; bad taste; itching of anus; pain in arm.—(*Evening*), In open air, fulness in temple; drawing from jaw to neck; pain in elbow.—(*While eating*), Nau-

sea.—(*While sitting*), Itching of anus.—(*When walking*), Pains in testicle.

Amelioration.—(*Open air*), Pain at side of elbow.

JALAPA.

Ipomœa purga, Hayne.

Natural order, Convolvulaceæ.

Synonyms, Convolvulus purga, Wenderoth; Exogonium purga, Benth.

Common name, Jalap.

Preparation, Trituration of the root.

Authority. Noack and Trinks, Arzneimittellehre.

Violent headache.—Humming in the ears.—Stinging on the tongue and in the fauces.—Nausea and vomiting.—Increased motion of the stomach, sometimes attended with a slight degree of transitory nausea, succeeded by an increased activity of the small intestines as far as the region of the cœcum, where a sensation of illness becomes seated for a time; after this, the prover experiences a motion in the colon and its flexions, until a desire for stool ensues, which takes place without any great irritation, without being succeeded by any other irritation or desire, even if another looser evacuation should take place.—Colic; violent seated pains in the small intestines, as if the abdomen would be cut to pieces.—Inflammation of the intestines.—Soreness of the anus.—The first stool is always thick, and has a reddish tinge, with a sour smell, which is strikingly different from the putrid smell of the aloes stools.—[10.] Violent, excessive evacuations.—Bloody stools.—After several watery evacuations, the pulse becomes perceptibly weaker.—The number of pulsations diminishes.—Excessive uneasiness and tossing about of the limbs.—Pain in the thighs.—Fainting fits.—Weakness.—Febrile attacks.—After several watery evacuations the temperature decreases.

JASMINUM.

Jasminum officinale, Linn.

Natural order, Oleaceæ.

Common name, White Jessamine.

Authority. Dr. W. H. Hull, Phila. Med. and Surg. Rep., Jan. 1861; a boy ate the red berries.

Comatose condition.—Pupils immoderately dilated.—Face pallid.—Emesis, after a quiet sleep.—Slight emesis.—Respiration somewhat rhoncous, but of usual frequency.—Pulse slow and feeble.—Muscular movements observed first about the eyes and face, especially on the left side, towards which the eyes and facial muscles were directed, becoming gradually more and more aggravated, going from the head to the left arm, then to the left lower extremity, till finally the whole body was thrown into the most violent convulsions; at one time the spasms were chiefly opisthotonic, when the whole surface was congested almost to a blackened hue; most marked rigidity about the muscles of the head and throat; the jaws were for the most part firmly locked, trismus being complete, as is often in tetanus; relieved by a bath.—Weak and almost helpless for a few days.—Lying on the floor in a "fainting fit."—Perfect insensibility.—Surface cool.

JATROPHA.

Jatropha curcas, Linn.

Natural order, Euphorbiaceæ.

Common names, Physic Nut; (Cuban), Piñon Botija.

Preparation, Triturations of the seeds.

Authorities. **1**, C. Hering, M.D., Amer. Arzneipruf., proving of 2d trituration of seeds; **2**, Jablanczy, from Hering, proving with 24th dilution; **3**, Thorer, Beiträge, provings with the 30th, and after with the 3d trituration; **4**, Lembke, Allg. Hom. Zeit., 34, proving with, first day, 1 drop of $\frac{1}{10}$th dilution; third day, 5 drops; fifth day, 10 drops; sixth day, 20 drops; **4** *a*, same, provings with 1st trituration, first day, 3 grains; second day, 8 grains; fourth day, 26 grains; sixth day, whole outer rind of nut, weighing 6 grains; seventh day, the seed remaining from nut; tenth day, one seed weighing 7 grains, then two seeds weighing 8 or 10 grains; **5**, Humphreys's provings with 1st, 2d, and again 2d dilution, from Hering; **6**, Davis, proving with 2d dilution; **7**, Zumbrock, took ½ drop of tincture; **8**, G. de V., case of poisoning, from Hering; **9**, poisonous effects, additional, from Hering; **10**, Farquharson, Am. Jour. Med. Sci., 1850, vol. 46, p. 102, two sailors ate ripe seeds, one only three or four; **10** *a*, same, the other ate a handful; **11**, Honigberger, general effects, from Hering; **12**, Soubeiran, from Hering; **13**, Buchner, from Hering; **14**, George Bennett, London Med. Gaz., 1831, p. 8, "I took four of the seeds;" **15**, case of poisoning, reported by Letheby, London Med. Gaz., 1848, N. S., vol. 7, p. 116, James Cole ate kernels of five seeds; (16 to 31, report of thirty-three persons poisoned by eating nuts, some three or four, others forty or fifty, Dr. Russell, Med. Times and Gaz., 1864, p. 703); **16**, T. M., aged 14, ate forty or fifty; **17**, T. W., aged 14, ate thirty or forty; **18**, G. R., aged 12, ate two handfuls; **19**, H. C., aged 16, ate twenty-four; **20**, C. W., aged 15, ate twenty; **21**, C. W., aged 15, ate more than two handfuls; **22**, T. F., aged 14, ate a handful; **23**, T. H., aged 12, ate a dozen (symptoms as last, and others in addition); **24**, T. O., aged 15, ate a dozen; **25**, T. M., aged 18, ate a dozen; **26**, W. F., aged 12, ate eighteen; **27**, T. H., aged 14, ate a dozen; **28**, W. H., aged 16, ate a dozen; **29**, G. R., aged 13, ate five; **30**, J. M., aged 13, ate ten; **31**, general symptoms in remaining cases not detailed; **32**, A. Vautherin, Des Graines de Croton Tiglium, Monograph, Paris, 1864, experiment on self with the oil.

Mind.—Delirium, with insensibility,[11].—Delirious, and ultimately quite insensible, lasting about twenty minutes (after two hours),[15].—An ecstasy, as if an ideal had appeared to a poetic painter, or like that which sometimes comes to a dying person, with bright eyes directed upward, a feeling of lovely warmth and ethereal lightness, during the painful diarrhœas,[2].—Anxiety, with burning in the stomach and coldness of the body,[8].—Attacks of anxiety at night, which constrict the chest and do not permit sleep till towards morning,[1].—Anxious events very easily disturb his equanimity, quite unusual with him,[1].—Ill-humored, laconic,[3].—Ill-humor returns to his mind in sleep; he wakes on account of it, and after falling asleep again, dreams of it,[3].

Head.—Confusion and Vertigo. Confusion of the head for two days,[5].—[10.] Confusion and stupefaction of the head (second day),[5].—Confusion and heaviness of the head (after half an hour),[7].—Constant confusion of the head (tenth day),[4a].—Head confused, dizzy, as if he were

turned around (fourth day),[4a].—Head feels confused and almost without ideas (tenth day),[4a].—Dizziness and vertigo, accompanied by great restlessness,[10a].—Giddiness (after half an hour),[16 17 19]; (after one hour),[20].—Giddiness and pain on raising his head (second day),[19].—Giddiness, pain in the throat and stomach, and inclination to drowsiness (after ten minutes),[30].—Very giddy (after one hour),[28].—[20.] Extremely giddy (after two hours),[15].—***General Head.*** Heaviness of the head (fourth day),[4a].—Head heavy, confused (sixth and seventh days),[4a].—Heat in the head, especially in the forehead (sixth day),[4a].—Heat in the head and face (sixth day),[4a].—Heat in the head and some catarrh at noon,[3].—Constant heat and confusion of the head (tenth day),[4a].—Great heat in the head, with heaviness (tenth day),[4a].—Headache,[1 8 9].—Headache; after some minutes a pressing inward in the temples, lasting half an hour,[5].—***Forehead.*** [30.] Heaviness and pressure in the forehead (tenth day),[4a].—Headache in the forehead externally, and on the right zygoma, lasting several hours,[1].—Pressure in the forehead (fourth and tenth days),[4a].—Pressure in the left frontal and temporal muscles (tenth day),[4a].—Pressive pain in the frontal muscles (tenth day),[4a].—Transient stitches, now in the right now in the left half of the forehead (after several days),[3].—***Temples.*** Pressure in the temples (tenth day),[4a].—Pain pressing inward in the temples the whole day while he is in the house (second day),[5].—Pain in the temples pressing inward and somewhat throbbing (after one hour), now and then extending as far as the crown (after two and three hours),[5].—Violent pain pressing into the temples, extending to the crown, disappearing in the open air, and *returning on entering the house* (second and third days),[5].—***Occiput.*** [40.] Heat in the occiput (seventh day),[4a].—Heat and confusion in the occiput (tenth day),[4a].—Heat in the occiput, with burning heat of the ears (tenth day),[4a].—Pressure in the occiput (sixth day),[4a].

Eye.—Lids. Trembling of the left eyelid (first day),[4a].—Repeated trembling of the left lid,[4].—Repeated trembling of the left upper lid,[4].—Itching of the lids, lasting several days,[5].—*Itching and smarting of the margins of the lids*, better after rubbing (first and second hours),[5].—***Pupil.*** Pupil either normal or, in the opinion of many who observed the cases, markedly dilated, in those who had taken a large quantity of the poison,[31].—[50.] Pupils smaller than usual (sixth day),[4a].—***Vision.*** Bright and dark spots before the eyes (fourth day),[4a].—Black points before the eyes (tenth day),[4a].

Ear.—Burning in the ears (sixth day),[4a].—Aching in the right ear, lasting a quarter of an hour,[5].—Stitches in the left ear, several times,[3].—Constant stitches deep in the left ear (sixth day),[4a].—***Hearing.*** Difficult hearing,[11].—Roaring in the ears,[4].

Nose.—Objective. Ulcers in the nose and mouth,[11].—[60.] Catarrh and heat of the head, at noon,[3].—Sudden attack of coryza, with sneezing, running from the nose, frequent copious discharge of mucus, which very soon became alternately yellow and white, lasting a long time, with infrequent paroxysms of cough, with expectoration only with difficulty; in the intervals, however, frequent easy hawking of large lumps of mucus, together with transient headache at times here and there (after triturating),[1].—Sneezing,[1].—Sneezing, catarrh, and discharge from the nose,[11].—***Subjective.*** Constant sensitive feeling in the nose, always on drawing in the air, which seems cold, athough it is warm,[4].—Increased itching in the nose while eating,[1].

Face.—Countenance pale and somewhat anxious (after four hours),[15].—

Pale face with dark rings below the eyes, in the afternoon (second day),[5].—Feeling of warmth in the face, as with catarrh,[3].—***Cheeks.*** Pain in the left zygoma, gradually extending to the right, and ending with aching in the right ear (second day),[5].—[**70.**] Aching in the right zygoma,[1].—Contractive pain in the left muscles of mastication,[4].—Pressure in the left masseter muscles (fourth day),[4a].—Pressive pain in the right muscles of mastication,[4].—***Lips.*** Lips cracked and painful during the whole proving,[4a].—Soreness of the left corner of the mouth,[5].

Mouth.—Teeth. Slight rheumatic drawing in a hollow tooth,[3].—Stitches in a hollow tooth,[3].—Drawing feeling in the front teeth of the left side (first day),[3].—***Tongue.*** Numbness of the tongue (after four hours),[15].—[**80.**] Burning, long-lasting pains in the tongue,[13].—***General Mouth.*** Dryness of the mouth the whole night,[5].—Dryness of the mouth, without thirst (first and second hours), followed by a sensation as if the mouth had been burnt, the whole night and morning (third day),[5].—Distressing sensation of dryness in the mouth, followed by a real dryness of the mouth and tongue without thirst, lasting the whole night, from the second to the third day, then a feeling as if the mouth had been burnt, lasting till the sixth day, always worse at night,[5].—Sensation of heat and dryness in the mouth and throat (after four hours),[15].—Burning in the mouth and throat,[11].—Burning sensation in the mouth and throat, continuing over an hour (after ten or fifteen minutes),[15].—***Saliva.*** Much saliva (fourth day),[4a].—Increased accumulation of saliva (tenth day),[4a].—Much accumulation of saliva (tenth day),[4a].—[**90.**] Frequent accumulation of thin saliva (first day),[4a].—Frequent spitting of saliva the whole morning, with a metallic, bloody taste,[3].—Much spitting of saliva with the stools,[1].—***Taste.*** Taste metallic, bloody, with frequent spitting of saliva, the whole morning,[3].—Insipid taste of the drug, very slightly nauseating, without acridity or heat; after swallowing, this taste became more decided at the back of the throat (three drops),[32].

Throat.—Throat symptoms (after one hour),[24].—Throat affected (after three hours and a half),[25].—Complained of his throat (after one hour),[21].—Pain in the throat (after one hour and a half),[27].—Dryness of the throat (after one hour and a half),[22]; (after two hours),[18].—[**100.**] Dryness and pain in the throat (after half an hour),[16].—Dryness and burning of the throat (after one hour),[20]; (after two hours and a half),[26].—Dryness and scraping in the throat (seventh day),[4a].—Throat hot and dry (after one hour),[28].—Burning in the throat (after one hour),[5]; (after one hour and a half),[19].—Burning pains in the throat,[13].—*Acrid feeling in the throat, which gradually, and with greater violence, extended to the stomach, and at last caused vomiting,[12].—Feeling as if the throat were swollen,[1].—Sticking feeling in the throat, especially on swallowing (sixth day),[4a].—Sore throat (after half an hour),[17].—[**110.**] Scraping in the throat, during the whole proving,[4a].—Feeling of soreness in the soft palate,[6].—***Fauces and Œsophagus.*** Dryness of the fauces,[4].—Dryness of the upper part of the fauces and throat, with some thirst; yet he dreaded to drink on account of constant nausea; after several hours vomiting of food, with short, hacking, persistent cough,[1].—Constant dryness in the fauces,[4].—Dull pain, as though rising from the stomach into the œsophagus,[4].—***External Throat.*** Pain along the external jugular vein of the left side,[6].

Stomach.—Appetite. Little appetite for a whole week,[1].—Loss of appetite,[11].—No appetite (tenth day),[4a].—***Thirst.*** [**120.**] Thirst (after one hour),[21]; (after three hours and a half),[25]; (after one-quarter of an hour),[29].—

Decided thirst in the evening (fourth day),[5].—Thirsty,[17].—Less longing for wine,[1].—***Eructation and Hiccough.*** Eructations the whole first day,[5].—Eructations of air (second, fourth, and sixth days),[4a].—Frequent eructations of air (seventh day),[4a].—Constant eructations of air for twenty-eight hours,[5].—Empty eructations (first and seventh days),[4a].—Empty eructations (seventh day),[4a].—[130.] (Hiccough and vomiting of a quantity of dark green bile, during convalescence from cholera, in two cases),[2].—***Nausea and Vomiting.*** Nausea (sixth and tenth days),[4a].—Nausea that comes and goes (tenth day),[4a].—Nausea after eating (tenth day),[4a].—Nausea during the stool,[1].—Nausea, with a feeling of warmth in the stomach (after half an hour),[7].—Nausea and burning in the stomach for some hours (after half an hour),[5].—Some nausea,[4].—Constant nausea, worse the second day than the first,[9].—Constant nausea and accumulation of saliva (tenth day),[4a].—[140.] Great nausea, with almost efforts to vomit (tenth day),[4a].—**Dreads to drink on account of nausea*,[1].—Peculiar qualmish sensation in the pit of the stomach (tenth day),[4a].—Sensation of loathing, without acridity or heat; something like that following a dose of castor oil, or of croton oil, when diluted with fifty parts of almond oil (10 drops),[32].—Loathing at the stomach, continuing until he took food (3 drops after twenty minutes),[32].—**Vomiting* (after two hours),[18]; (after one hour and a half),[22]; (after one hour),[24], etc.—Vomiting of all food (a few hours after Madeira wine),[1].—**Very easy vomiting of a large amount of a watery albuminous substance, together with watery diarrhœa*,[8].—Vomiting, of a violent character (in the course of an hour),[10 10a].—Violent vomiting and diarrhœa,[13].—[150.] Vomited; portions of the nuts in the vomited matter (after half an hour),[17].—Vomited several times (after half an hour),[30].—Vomited several times within an hour and a quarter,[16].—Vomited copiously (after one hour),[20].—Sickness (after half an hour),[17]; (after two hours),[18]; (after one hour),[20].—Sickness, which ended in his vomiting freely (after one hour),[21].—Violent sickness (soon after ten or fifteen minutes), and during the subsequent hour vomited five times, and was very actively purged,[15].—Very sick; vomiting freely (after one hour),[28].—***Stomach.*** Rumbling in the stomach (first day),[4a].—Anxious feeling in the pit of the stomach (fourth and seventh days),[4a].—[160.] Sinking feeling in the pit of the stomach, and slight nausea, immediately; also the second day, after a soft stool,[5].—Pain in the stomach (after quarter of an hour),[29]; (after two hours),[18].—Pain in the stomach aggravated by pressure,[4].—Pain in the stomach, with pyrosis (second day),[19].—Pain in the stomach, extending paroxysmally towards the umbilicus and into the œsophagus (second day),[4a].—Constant pain in the stomach (after half an hour),[4].—Very severe pain in the stomach (after one hour and a half),[19].—Warmth in the stomach (first and second days),[4a].—Feeling of warmth in the stomach (sixth and seventh days),[4a].—Constant feeling of warmth in the stomach (seventh day),[4a].—[170.] Heat in the stomach (immediately),[4]; (sixth and tenth days),[4a].—Feeling of heat in the stomach, with cramp rising into the œsophagus (tenth day),[4a].—Severe feeling of heat in the stomach (seventh day),[4a].—Burning in the stomach, and very easy vomiting of large quantities,[9 10].—Burning pain in the stomach,[13].—Very unpleasant burning sensation in the stomach and bowels, with nausea, which after an interval of nearly two hours terminated in vomiting; then purgative effects followed soon afterwards, and operated mildly; the sickness had then nearly passed away, but the burning sensation continued for some time longer,[14].—Feeling of cramp in the stomach, on stooping (second day),[4a].—Violent drawing pain in the stomach,[4].—Painful pressure in the

epigastric region (fourth day),[4a].—Pressure in the stomach, at times (first day),[4a].—[180.] Dull pressure in the stomach (fourth day),[4a].—Constant dull pressure in the stomach, extending up into the œsophagus (first day),[44]. Slight pressive pain in the stomach (first day),[4a].—Constant cutting pain in the stomach and whole of the abdomen, aggravated by pressure (first day),[4a].—Cramplike stitches in the stomach (after half an hour),[7].—Sensitiveness of the epigastric region, aggravated by pressure,[4].—Jerking pains in the epigastric region,[4].

Abdomen.—Hypochondria. Indefinite pain in both hypochondria and in various parts of the extremities,[4].—Piercing pain in the left hypochondrium extending to the lumbar muscles (second day),[4a].—***Umbilical.*** Pain in the umbilical region,[4].—[190.] Pain about the umbilicus, with rumbling, emission of flatulence and desire for stool, in the morning (second day),[5].—Violent pain in the umbilical region, extending into the left hypochondrium and left side of the chest (seventh day),[4a].—Pain deep in the umbilical region,[4].—Constant pain deep in the umbilical region,[4].—Constant dull pain deep in the umbilical region (fourth day),[4a].—Violent tearing pain deep in the umbilical region, aggravated by pressure (after one hour),[4].—Every attack of spasm in the bladder comes on with a twisting pain in the umbilicus, and extends downward to the neck of the bladder; these attacks, like the nausea, gradually disappear between 6 and 7 P.M.; they are preceded and followed by many noises of liquids in the abdomen and by sour eructations (tenth day),[4a].—Crawling about the umbilicus the whole forenoon,[5].—***General Abdomen.*** Distension of the abdomen,[11]; (fourth day),[4a].—*Abdomen distended and soft,[4].—[200.] Abdomen moderately distended, soft, and painful deep in the umbilical region to slight pressure (seventh day),[4a].—Abdomen distended, tympanitic (second and fourth day),[4a].—Abdomen much distended, tense, tympanitic (first day),[4a].—Abdomen tympanitic (seventh day),[4a].—With much rumbling the abdomen soft (first day),[4a].—The distended abdomen becomes soft and sunken, without emission of flatulence (second day),[4a].—Some intestinal movements, but without pain or purgation (25 drops),[32].—*Noises as of liquids in the intestines (sixth day),[4a].—Noises as of a liquid moving about in the abdomen, frequently (fourth day),[4a].—Constant noise as of a liquid gurgling in the intestines (fourth day),[4a].—[210.] Many noises as of a liquid in the abdomen (sixth day),[4a].—*Much noise in the abdomen, as if a full bottle were emptied, in the evening, followed about 10 P.M. by a thin stool without other symptoms; the noise remained unchanged after the evacuation, without another stool until the next morning, when the abdomen was soft and sunken (second day),[4a].—Much gurgling of liquids in the abdomen (tenth day),[4a].—Rumbling in the abdomen (fourth day),[4a].—Rumbling in the abdomen the whole night,[5].—Rumbling in the abdomen, the pain shooting through deep in the abdomen,[4].—Rumbling and empty eructations,[4].—Rumbling and emission of flatulence (second day),[4a].—Rumbling in the abdomen and pain in the transverse colon (five and six hours),[5].—Rumbling in the abdomen, with sharp colicky pains in the transverse colon; the rumbling lasted the whole day, ceased on going into the open air, returned in the warm room and continued the whole evening and night (second day),[5].—[220.] Much rumbling in the abdomen (seventh day),[4a].—Much rumbling in the abdomen, and at times pressure in the stomach (after five hours, first day),[4a].—Much rumbling in the abdomen and pain in the umbilical region (tenth day),[4a].—Much rumbling in the abdomen and desire for stool (sixth day),[4a].—Frequent rumbling in the

abdomen,[4]; (sixth day),[4a].—Constant rumbling in all parts of the abdomen, with distension, immediately,[4].—Emission of flatulence,[4].—Sensation like that preceding a stool, which, however, only occurs the next morning,[7].—Pain in the abdominal region (after four hours),[15].—Pain and distension of the abdomen (after two hours and a half),[26].—[230.] Pain in belly (after one hour and a half),[27].—Pain in the bowels (after half an hour),[17].—Pain, with a sensation of heat in the bowels (after half an hour),[16].—Slight pain in the bowels,[23]; (second day),[16].—Violent pain in the whole abdomen, especially along the course of the spine, aggravated by slight pressure, with distension of the abdomen, and desire to urinate (seventh day),[4a].—Slight griping in the abdomen,[3].—Aching and uneasiness in the abdomen; a sinking feeling in the stomach as during a violent diarrhœa, the whole forenoon (third day),[5].—Colic,[11]; (51 drops; after half an hour),[32].—Colic, with desire for stool (fourth day),[4a].—Colic and a sensation of impending diarrhœa, in the morning (second day),[5].—[240.] Sharp colic in the transverse colon, and rumbling in the abdomen,[5].—Abdomen sore and distended, continuing over an hour (after ten or fifteen minutes),[15].—***Hypogastrium and Iliac Regions.*** Noises low down in the abdomen (tenth day),[4a].—Constant gurgling as of liquids low down in the abdomen, with rumbling of air (seventh day),[4a].—Aching in the lower portion of the abdomen and inclination to stool, for some hours,[5].—Peculiar tension in the inguinal regions,[4].—Feeling of tension and protrusion in the left inguinal ring, at times, on rising or blowing the nose, whereby the left leg is involuntarily flexed and drawn up towards the abdomen (sixth day),[4a].—Pressing outward in the left inguinal ring on blowing the nose (tenth day),[4a].

Rectum and Anus.—Violent burning in the rectum after a stool, lasting an hour (first day),[3].—Stitches in the rectum,[4]; (second, sixth, and tenth days),[4a].—[250.] Violent crawling of worms in the rectum, in the evening (first day),[3].—Soft hæmorrhoidal swellings,[1].—Stitches in the orifice of the anus,[4].—Violent itching in the anus, at night in bed (fourth day),[3].—Inclination to stool (after half an hour),[5].—Much desire for stool,[4].—Great desire for a diarrhœa-like stool, in the morning (first and third days),[3].—*Sudden desire for stool, and constant noises as of liquids in the abdomen, especially in the left side (sixth day),[4a].

Stool.—Diarrhœa. Diarrhœa,[11].—Copious diarrhœa, with watery stools, after which he felt much relieved (second day),[18].—[260.] Painless diarrhœa, with slight cramplike jerkings in both calves,[2].—***Watery diarrhœa, as if it spurted from him,**[8].—Profuse mucous diarrhœa (after five hours and a quarter),[17].—**Purging* (after a quarter of an hour),[29]; (after two hours and a half),[26].—Severe purging, with tenesmus (after several hours),[21].—**Purging of a violent character* (in the course of an hour), (in both cases),[10].—Very actively purged (after ten or fifteen minutes),[15].—Severely purged,[23].—Purged three or four times,[16].—Purged three or four times, very copiously (after three hours and a half),[25].—[270.] Stools copious, mucous, and not unlike the well-known rice-water stools,[31].—Bowels moved copiously upwards of a dozen times; his stools being mucous and watery (after one hour),[28].—Several soft stools, with nausea and much spitting of saliva,[1].—Three natural stools a day instead of one,[3].—Small stool (after four hours and one-sixth), followed by another in half an hour (51 drops),[32].—Stool at night, which he scarcely ever had,[5].—Soft stool at the usual time, followed by much rumbling (sixth day),[4a].—Soft stool, without relief of the pain in the abdomen, which disappeared after half an

hour, with emission of much flatulence (after two hours, first day),[4a].—Stool softer than usual, followed by constant pain in the umbilical region (after one hour, second day),[4a].—**Thin stool preceded and followed by much rumbling*, **and at times a noise as if a bottle were being emptied** (after one hour and a half),[4].—[**280.**] Stool harder than usual (second day),[4].—***Constipation.*** After soft stools for several days, there follows constipation, with slight headache, pressing inward in the temples (sixth day),[5].—Stool delayed (second day),[4].—Stool delayed, scanty and very hard (after the proving),[4a].

Urinary Organs.—Bladder. Every attack of nausea is accompanied by spasm of the neck of the bladder, with drawing pain and desire to urinate (tenth day),[4a].—Painful pressure and stitches in the neck of the bladder (tenth day),[4a].—***Urethra.*** Clear mucus oozes slowly from the urethra, while walking and sitting,[4].—Stitches in the urethra (tenth day),[4a].—Constant irritation in the navicular fossa of the penis, like a tickling, with frequent micturition,[4].—***Micturition.*** Desire to urinate (fourth, seventh, and tenth days),[4a].—[**290.**] Desire to urinate, even after micturition (second day),[4a].—Much desire to urinate (second day),[4a].—Frequent desire to urinate,[4]; (sixth day),[4a].—Very frequent desire to urinate,[4].—Constant desire to urinate,[4]; (fourth, sixth, and seventh days),[4a].—Constant desire to urinate (though he had urinated during stool three-quarters of an hour previously),[4].—Renewed desire after micturition (fourth day),[4a].—Frequent urging to urinate (tenth day),[4a].—Much micturition.[4].—Copious discharge of quite watery urine without odor or color,[5].—[**300.**] Difficulty in making water (second day),[16].—Dysuria (after one hour),[24]; (after two hours and a half),[26]; after several hours,[21].—***Urine.*** Remarkable increase of urine after exertion, in the evening (fourth day),[5].—Urine much more scanty than usual, and very dark-brown, clear,[4].—Urine bright yellow (second and sixth days),[4a].—Urine bright yellow, frothy (after one hour and a quarter, fourth day),[4a].—(White urine),[11].—(Blood with the urine),[11].

Sexual Organs.—Aching in the genitals, as after excessive sexual intercourse, the whole day (sixth day),[5].—Aching of the genitals, especially of the right testicle, with diminished discharge of urine (fourth day),[5].—[**310.**] Drawing pain in the genitals, extending along the inner side of the right thigh to the knee (sixth and following days),[5].—Aching in the left testicle (third day),[5].

Respiratory Organs.—Larynx. Painful pressure in the right side of the larynx at night, on account of which he woke; not aggravated by touch (first night),[3].—***Cough.*** Short, hacking, persistent cough the first day; on the second day so violent that he took golden sulphuret of antimony,[1].—Hollow cough (first night),[1].—***Respiration.*** Respiration quick and panting,[10a].—Increased difficulty of respiration (sixth day),[4a].

Chest.—Pain in the region of the left third rib, above and somewhat to the inside of the nipple (after a few minutes),[6].—Constriction in the chest, with attacks of anxiety, so that he was unable to sleep at night,[1].—Violent pain in the left clavicle, forenoon (third day),[5].—[**320.**] Aching in the left clavicle, lasting only a few minutes, but returning after a few hours (second day),[5].—Aching, amounting to a throbbing pain in the left clavicle, in the morning (third day),[5].—Pressure in the left pectoral muscles, which seems to make respiration difficult (seventh day),[4a].—Painful pressure in the right pectoral muscles (fourth day),[4a].—Pressive pain in the right pectoral muscles (tenth day),[4a].—Frequent stitches behind the cartilages of the sixth and seventh ribs (seventh day),[4a].—Sudden violent stitches to the left

of the ensiform cartilage, behind the costal cartilages, which arrest the breathing (sixth day),[4a].—***Front.*** Tension in the middle of the sternum,[6]. —Pressure deep in the chest behind the sternum (second day),[4a].—Sticking pain, extending from above downward deep in the chest, behind the sternum,[4].

Heart and Pulse.—Præcordium. [330.] Feeling of sinking and nausea in the præcordial region, followed by soft stool (second day),[5]. —***Heart's Action.*** The beating of the heart suddenly became distinct to the hand, and was even felt in the chest,[4].—Violent beating of the heart (after one hour),[5].—Violent beating of the heart, for several days,[5].—Violent beating of the heart, shaking the chest, when walking slowly about the room (tenth day),[4a].—Palpitation (after an hour and a half),[22].—Palpitation of the heart, after moving about (after six hours),[5].—Uneasiness at night from palpitation, and rush of thoughts,[5].—Heart's action very irregular, and so weak that the impulse against the walls of the chest could with great difficulty be perceived,[10a].—***Pulse.*** Pulse accelerated, for two days,[5]. —[340.] Frequent and weak pulse (after several hours),[16].—Pulse slow, full, and soft (after one hour, tenth day),[4a].—Pulse diminished 2 beats (after one hour),[4].—Pulse 5 beats less than usual (after a quarter of an hour, fourth day),[4a].—Pulse 6 or 7 beats slower than usual (after half an hour); 10 beats slower than usual (after one hour, tenth day),[4a].—Pulse 9 beats less than usual (after three-quarters of an hour); 5 beats less than usual (after one hour and a quarter, fourth day),[4a].—Pulse 140 and weak (after four hours),[15].—Pulse 120 (second day),[16].—Pulse 87, large, full, almost jerking (after two hours, tenth day),[4a].—Pulse 80, strong (after one hour),[5].—[350.] Pulse 80, hard, and throbbing,[5].—Pulse irregular, of normal frequency (sixth day),[4a].—Pulse small, thready, and intermittent,[10a].—**Almost pulseless* (after five hours and a quarter),[17].

Neck and Back.—Nape. Stiffness in the nape of the neck,[4].—Stiffness of the muscles of the nape of the neck (tenth day),[4a].—Stiffness of the muscles of the nape of the neck and forehead (fourth day),[4a].—***Back.*** Pain in the muscles across the back (seventh day),[4a].—Painful pressure in the lumbar, dorsal, and pectoral muscles (fourth day),[4a].—Transient pressure in the muscles of the back and left upper arm (first day),[4a].—[360.] Constant bruised feeling in the muscles of the back and chest (sixth day),[4a]. —***Dorsal.*** Pain in the region of the sixth dorsal vertebra,[6].—Constant pain in the rhomboid muscle in the region of the fourth and fifth ribs of the left side, dull pain lasting twelve hours,[6].—***Lumbar.*** Painful stiffness of the lumbar muscles (fourth day),[4a].—Very transient pains in the lumbar muscles, chest, and shoulders,[4].—Painful thrusts from the umbilicus to the lumbar region (seventh day),[4a].—Feeling as from a thrust in the muscles, in the region of the small of the back, while walking,[4].—Stitches in the lumbar muscles (seventh day),[4a].—Feeling of soreness in the small of the back (after one hour),[7].—A sore feeling in the small of the back and rectum, as in diarrhœa (after one hour),[7].—[370.] Crawling beneath the skin of the small of the back (after three hours),[4].

Extremities in General.—Muscles of the extremities contracted by violent spasms,[10a].—Painful feeling of weakness in the limbs, especially in the knees (fourth day),[4a].—Cramps in the hands and feet (second day),[18]. —Most severe cramps in the arms and legs (after one hour),[28].—Drawing pains in various parts of the extremities, in part seeming to be under the skin,[4].—Pressure in the left calf, right knee, and right wrist (tenth day),[4a]. —Pressure in the upper arms and right calf alternately, though only while

sitting (second day),[4a].—Pressive pain on the back of the right foot, on the posterior surface of the left upper arm, and in the flexor surface of the left forearm (sixth day),[4a].—Pressive pain in the muscles of the shoulder and back, in the knees and calves, with a feeling of weakness (sixth day),[4a]. —[380.] Pressive and contractive pain in various parts of the extremities, especially in the wrists, toes, and calves,[4].

Superior Extremities.—Bruised feeling in the muscles of the arm (first day),[4a].—***Shoulder.*** Pain in the right shoulder and arm, extending into the hand, worse along the ulnar nerve,[5].—Rheumatic pain in the right and afterwards in the left shoulder (third day),[5].—Drawing in the muscles of the left shoulder (fourth day),[4a].—Pressure in the shoulder-joint (fourth day),[4a].—Pressure in the left shoulder (tenth day),[4a].—Bruised pain in the shoulder-joints (first day),[4a].—Bruised and stiff feeling in the shoulders (second day),[4a].—***Arm.*** Weariness in the upper arms,[4].—[390.] Pressure in the muscles of the right upper arm (tenth day),[4a].—***Forearm.*** Aching along the left ulnar nerve (after one and two hours),[5].—Gnawing in the ulnar nerve,[5].—Pain along the ulnar nerves, extending from the left elbow to the tips of the fourth and fifth fingers (immediately),[5].—Pain, with a feeling of numbness extending from the elbows to the tips of the fourth and fifth fingers, with a burning, causing insensibility, lasting half an hour (after half an hour, and repeated after four days),[5].—Internal pressure in the flexor muscles of the left forearm (fourth day),[4a].—***Hand.*** Drawing on the back of the left hand (seventh day),[4a].—Pain in the metacarpus of the right thumb, extending to the wrist and hand (after five hours),[5].—***Fingers.*** Violent pain in the first joint of the right index finger, extending to the tip (after five hours),[5].—Aching in the first joint of the right thumb, extending to the wrist, in the morning (second day),[5].

Inferior Extremities.—[400.] Gait tottering; the body involuntarily inclined towards the left, while walking (fourth day),[4a].—Feeling of stiffness and unsteadiness in the legs, when walking (fourth day),[4a].—***Knee.*** Pains in the hollows of both knees, for several days,[5].—Pressive pain in the right knee and left calf, on walking slowly up and down the room (seventh day),[4a].—Painful tearing in the left knee and malleolus (after seven hours),[5].—Bruised pain in the knees,[4].—Bruised feeling in the knees, while sitting,[4].—***Leg.*** Stiffness of both calves (fourth day),[4a].—Feeling of stiffness in the left calf (second day),[4a].—Feeling of stiffness in the calves, while walking up and down the room (seventh day),[4a].—[410.] Feeling of stiffness and pressure in the left calf and back of the left foot (first day),[4a].—Pain in the calves, even when walking, with internal drawing in them (fourth day),[4a].—Constant compression in the muscles of the left leg, especially in the lower portion of the calf (tenth day),[4a].—Internal jerking and pressure in the left calf and toes, more towards the inner margin of the tibia, extending up and down the inner surface (fourth day),[4a].—**Slight cramplike jerkings in both calves, with painless diarrhœa*,[2].—**Violent cramplike pain in the lower legs, and* cramps in the calves, *which become knotted*,[8].—*Slight cramps* (after a quarter of an hour),[29]; (after three hours and a half),[25].—Severe cramps and pains in the legs and feet (after three hours and three-quarters),[17].—Violent cramps, in the evening (after several hours),[21].—Violent cramps and twitchings, "the calves were twisted around to the shins." (Hering.)—[420.] Pressure and stiffness in the left calf, especially towards the tibia (sixth day),[4a].—Painful pressure in the external muscles of the legs, with internal crawling (fourth day),[4a].—Pressing in the left calf (seventh day),[4a].—Pressive pain in the calves,[4].—Constant pressive-

drawing pain in the outer portion of the right calf (first day),[4a].—Sticking in the calves,[4].—Constant bruised feeling in the calves, especially while sitting (sixth day),[4a].—Peculiar bruised feeling, extending from the knees into the legs and becoming seated in the ankles (seventh day),[4a].—Scraping feeling on the inner surface of the left tibia (seventh day),[4a].—Pulsation in the left calf (fourth day),[4a].—***Ankle.*** [430.] Rheumatic pain in the left ankle, worse in the forenoon (third day),[5].—Violent rheumatic pain in the left ankle (third day),[5].—Pressive pain in the right ankle (tenth day),[4a].—Pressing pain in the left ankle, left upper arm, left hypochondrium, and left inguinal region (seventh day),[4a].—***Foot.*** Rheumatic pain in the ball of the right foot, in the morning (fourth day),[5].—Slight drawings in the balls of both feet (first day),[3].—Rheumatic drawing in the sole of the left foot, extending into the ball of the great toe,[3].—Drawing on the back of the right foot (tenth day),[4a].—Sticking and pressure in the sole of the left foot and in the left calf (second day),[4a].—Sticking and jerking in the sole of the left foot uninterruptedly, while sitting,[4a].—[440.] The heels are very sensitive when stepping upon them (fourth day),[4a].—***Toes.*** Pressure and drawing in the great toe and on the back of the left foot (fourth day),[4a].—Stitches in the left great toe (sixth day),[4a].—Inward twitching in the toes of the right foot (fourth day),[4a].—Tearing in the toes and on the back of the left foot in rapid alternations (tenth day),[4a].—Crawling in the toes (tenth day),[4a].—Constant crawling in the left great toe (seventh day),[4a].

General Symptoms.—Objective. Depression very great, in some cases,[31].—Great depression of the vascular system (after one hour and a half),[22].—General weakness,[11].—[450.] Extreme weariness and sleepiness (first day),[3].—Weakness (tenth day),[4a].—Great weakness, and heaviness of the head (tenth day),[4a].—So exceedingly weak as hardly to be able to walk about, after the perspiration broke out (after about one hour and a half); this debility greatly increased during the next half hour; in another half hour he had so far recovered as to be able to walk to the London Hospital; was very weak (after four hours),[15].—On the slightest exertion, painful weakness of the muscles used, even when writing or standing (fourth day),[4a].—Prostration (after half an hour),[7].—Great prostration, with frequent and weak pulse, in the evening (after several hours),[16].—Great restlessness,[10a].—***Subjective.*** More susceptible than usual to wine,[1].—Feeling of agreeable warmth, ethereal lightness,[2].

Skin.—Objective. [460.] Several small pimples on the wrist and back of the right hand (second day), disappearing after a few days,[5].—Two badly looking, hard though not painful pimples on the middle of the right cheek, slowly disappearing,[5].—Sore painful pimples on the back of the neck (second day),[5].—Sore painful pimples in the bend of the right thigh (second day),[5].—Ulceration, smarting, and tension in the right corner of the mouth, in the morning (fourth day),[5].—***Subjective.*** Prickling on the back of the left hand (second day),[4a].—Crawling in the skin of both lower legs and feet (tenth day),[4a].—Itching and tension of the lips, in the morning (second day),[5].—Itching and slight tension around the mouth, better after rubbing (after two hours),[5].—Itching between the right index and middle fingers, and on the palm of the hand (after seven hours),[5].—[470.] Itching between the toes, in bed (first night),[5].—Violent itching, as from the itch, between the thumb and index finger, at first aggravated then relieved by rubbing,[5].—Violent itching of the commissure between the first and second fingers, relieved by rubbing, in the morning (third day),[5].—Internal itching of the fingers, worse on the left hand (fourth day),[4a].

Sleep and Dreams.—Sleepiness. Much yawning, with nausea, accumulation of saliva and many eructations (tenth day),[4a].—Drowsiness (after a quarter of an hour),[29]; (after one hour),[24].—Drowsiness very marked, many of the patients falling asleep in the cabs on their way to the hospital, and many dropping off to sleep repeatedly in the waiting-room, but they could all be immediately aroused,[31].—Drowsy,[17]; (second day),[16].—Very drowsy,[27].—Very drowsy and prostrated (after one hour),[28].—[480.] Very drowsy, hot and feverish, after vomiting (after one hour),[20].—He thought that he had a fever so that he had to sleep, without being cold or hot or sweaty (first day),[9].—Dropped off to sleep every half minute, although easily aroused (after five hours and a quarter),[17].—He is scarcely able to wake from sleep; in the morning and afterwards; he is obliged to forcibly make himself move, after which he feels better,[1].—***Sleeplessness.*** Sleepless, with throbbing of the pulse for several hours after lying down (third night),[5].—Restlessness at night on account of rush of thought and palpitation,[5].—Restless tossing about, sleepless, with throbbing of the pulse, the whole night,[5].—Attacks of anxiety at night did not permit sleep till towards morning,[1].—On account of angry conversation which he had had in the evening, he awoke at 2 A.M., because he had it in his mind in sleep; he fell asleep again and dreamed of it,[3].—***Dreams.*** Incessant dreams,[1].

Fever.—Chilliness. [490.] Skin cold and moist,[10a].—Chilliness with a feeling of coldness extending through the abdomen; the palms of the hands previously dry become moist and cold (fourth day),[4a].—Much chilliness, cold hands and blue nails (after three hours, first day),[4a].—Much chilliness, with cold tips of the fingers (tenth day),[4a].—* *Coldness of the body*, shivering and clammy sweat, with vomiting and diarrhœa,[8].—Cold shivering over the whole body (after one hour),[7].—Chilliness up and down the back (fourth day),[4a].—Chilliness creeping over the back,[4].—Chilliness through the back extending into the upper arms, constant, even in a warm room,[4].—Chilliness in the spinal marrow (second day),[4a].—[500.] Chilliness starting from the lumbar vertebræ (seventh day),[4a].—Chilliness deep in the lumbar vertebræ, with desire for stool two or three hours earlier than usual in the morning,[4].—Much chilliness in the region of the lumbar vertebræ (tenth day),[4a].—Constant chilliness in the back (sixth day),[4a].—Great chilliness creeping through all the limbs, extending to the scalp,[4].—At times coldness through the back (second day),[4a].—Much coldness in the back, extending into the upper arm (first day),[4a].—Great coldness deep in the spine,[4].—Extremities cold, nails at times blue,[4].—The hands hitherto warm became cold and the nails blue (after half an hour),[4].—[510.] Hands rather cold (after four hours),[15].—Shivering in the back (sixth day),[4a].—Frequent shivering through the region of the lumbar vertebræ,[4].—Required application of warmth to the extremities, in the evening (after several hours),[16].—***Heat.*** Hot and feverish (after one hour),[13].—Hot and feverish during the evening,[30].—Very hot and feverish (second day),[18].—Slight fever, as indicated by rapid pulse, hot skin and dry tongue (second day),[21].—Very feverish (second day); slightly so (third day),[16].—Feeling of heat extending from the stomach to the spine, repeated in rapid succession (fourth day),[4a].—[520.] Heat across the back (fourth day),[4a].—***Sweat.*** Promotes perspiration,[11].—Profuse perspiration broke out upon the whole surface of the body (after about one hour and a half),[15].—Sweat during sleep,[1].

Conditions.—**Aggravation.**—(*Morning*), Desire for stool; aching in thumb; pain in ball of foot.—(*Forenoon*), Pain in ankle.—(*Evening*),

Thirst.—(*Night*), Attacks of anxiety; feeling in mouth; in bed, itching in anus; pressure in anus; in bed, itching between toes.—(*On entering house*), *Pain in temple returns.*—(*Pressure*), Pain in stomach; pain in umbilical region.—(*Rubbing*), Itching between thumb and finger.—(*While sitting*), Muscular symptoms; bruised feeling in calves.—(*Sitting down after walking about room*), General bruised sensation.—(*On stooping*), Feeling of cramp in stomach.—(*While walking*), Feeling in small of back.—(*In warm room*), Rumbling in abdomen returned.

Amelioration.—(*Open air*), Symptoms in general; pain in temples; rumbling in abdomen.

JATROPHA URENS.

Jatropha urens. (The most poisonous plant known.)

Natural order, Euphorbiaceæ.

Authority. Kew Gardens Quarterly Rev., Dec. 1851 (Am. J. Med. Sci., N. S., 23, 1852), Mr. Smith in reaching over the plant touched his wrist against the fine bristly stings.

Numbness and swelling of the lips.—The action of the poison was on the heart; circulation was stopped, and Mr. Smith soon fell unconscious; the last thing he remembered being cries of "Run for the doctor."

JUGLANS CINEREA.

Juglans cinerea, Linn.

Natural order, Juglandaceæ.

Common name, Butternut.

Preparation, Tincture of the bark of the root.

Authorities. **1**, Dr. J. P. Paine, Inaug. Thesis, Hom. Med. Coll., Phil., 1852 (from Hale's New Remedies, 2d ed.), effects of 1st dil., 9 drops at night; 2 drops next morning; **1** *a*, same, proving with tincture, 10 drops first day, 15 drops second day, 25 drops third day, 30 drops eighth day, 60 drops twelfth day; **1** *b*, same, with 7th dil., repeated doses; **1** *c*, same, with 1st dil., 10 drops at night; **1** *d*, same, 5 drops of tincture (one dose); **2**, L. Arthur Clark, Hale's N. R., 2d ed., proving with tinct., repeated doses of 5 and 10 drops, and afterwards 20 drops three times a day; **3**, same, in Amer. Obs., 1871, p. 175, took tincture, beginning with 10 drops, increasing a drop each dose, three times a day for twenty-five days, also 36 drops on twenty-seventh day; **4**, Dr. C. C. Cressor; *Note:* The symptoms recorded by this "most honest and conscientious prover" cannot be admitted as belonging to the drug; "there is no doubt that he would not have had them if his constitution had not been diseased in that particular way."—C. Neidhard, M.D., in letter to editor, October, 1876; **5**, Dr. P. H. Hale, Hale's New Rem., 2d ed., effects of 45 grains of solid extract daily for three weeks, in an old lady.

Mind.—Want to be alone; do not want to do anything but eat and sleep; cannot think of concentrating my mind upon any one subject (twenty-first, twenty-second, and twenty-third days),[3].—Feel dull, and cannot remember anything I read (tenth day),[3].—Mind confused, so much so I could not study (third, fourth, and fifth days),[2].—Absent-minded, forget what I am about (eleventh and twelfth days),[3].

Head.—Vertigo. Vertigo with slight nausea, at 11 A.M. (second day),[1].—Slight vertigo, with a sinking, faint feeling in the stomach, extending to the abdomen (after half an hour, first day),[1].—***General Head.*** Headache (third, fourth, and fifth days),[2]; (twenty-ninth day),[3].—Awoke in the morning with headache and heavy yellow coating of the tongue (second morning),[2].—Headache in the evening (third day),[3].—[10]. Constant headache; considerable burning and smarting on passing urine, which I am obliged to do frequently, as often as every hour or two (twenty-fourth and twenty-fifth days),[3].—Severe headache; can hardly see (eighteenth and nineteenth days),[3].—Heavy headache (third morning),[2].—Dull headache, more on the right side, which lasted three hours, in the forenoon (seventh day),[1b].—Severe dull headache all the forenoon, but somewhat relieved during the afternoon (thirteenth day),[3].—Head feels as large as a barrel (twenty-sixth day); more aggravating (twenty-seventh day),[3].—***Forehead.*** Slight feeling of fulness in frontal regions (second and third day),[3].—Dull frontal headache (fifth and sixth days),[3].—Severe frontal headache (fourteenth and fifteenth days),[3].—***Temples.*** Aching pain in the *right temple*, which lasted three or four hours, in the forenoon (eighth day),[1b].—***Occiput.*** [20.] Aching pain in the occiput, in the morning, in bed, passing off on getting up (fifth day),[1a].—***External Head.*** Head itches constantly (seventh day),[3].—Scalp itches intensely; have to scratch continually (twenty-fourth and twenty-fifth days),[3].

Eye. Eyes red and swollen (fifth day),[3].—Burning in the eyes, in the afternoon (seventh day),[1b].—Eyes feel drawn together (twenty-third day),[3].—Every sudden motion causes everything to turn dark so I cannot see; feel giddy as though I should faint away (twentieth day),[3].—***Nose.*** Discharge of thin watery mucus from nose (twenty-fourth, twenty-fifth, and twenty-sixth days); more aggravating (twenty-seventh day),[3].—Dryness of the nose (seventh day),[1a].—Numb sensation at root of nose (fourth day),[3].—[30.] Intense numbness in bridge of nose; have to rub it, which relieves (fifth day),[3].

Face. All through this day, dry, burning sensation of face, with intense erythematous redness (third day); the redness and heat seemed aggravated (fourth and fifth days),[2].

Mouth. Tongue coated white (fourth day),[3].—Tongue coated with a heavy whitish fur (twenty-fourth and twenty-fifth days),[3].—Heavy yellow coating of the tongue (second morning),[2].—Each dose produced a burning and pricking sensation of the mouth and throat, lasting an hour or two (first day),[2].—Coppery taste in mouth (twenty-third day),[3].

Throat. Soreness of the throat (first day),[1d].—Throat feels sore and swollen (sixth day),[3].—Throat feels sore, hurts to swallow even water (twenty-fourth, twenty-fifth, and twenty-sixth days); more aggravating (twenty-seventh day),[3].—[40.] Roughness and soreness of the throat, in the forenoon (seventh day),[1b].—Dryness of the fauces and a sensation as if the throat were swollen (second day),[1a].—Pain in the *right side* of the fauces (fourth day),[1a].—Burning in the pharynx (first day),[1c].—Swelling in both submaxillary glands, *more in the right gland* (after a week),[1d].

Stomach.—Appetite. Appetite ferocious, want to eat all the time (sixth day),[3].—***Thirst.*** Thirsty, wants to drink all the time; first day I have felt feverish during the proving (twenty-eighth day),[3].—***Nausea.*** Nausea in the morning (second day),[1a].—Nausea was more severe through the night (eighteenth night), but is relieved to-day so that I can eat quite heartily (nineteenth day),[3].—Slight nausea with vertigo, at 11 A.M. (second

day),[1].—[50.] Terrible nausea commencing soon after retiring (eighteenth day),[3].—***Stomach.*** Sinking faint feeling in the stomach, extending to the abdomen, with slight vertigo (after half an hour, first day),[1].—Burning in the stomach (first day),[1b].

Abdomen.—Hypochondria. Pain in *each hypochondriac* region (third day),[1b].—Stitching pains in right side region of liver (tenth day),[3].—***Umbilical.*** Slight pain in umbilical region (third day),[3].—Dull heavy pain in umbilical region (eleventh and twelfth days),[3].—***General Abdomen.*** Burning in the abdomen after stool (first day),[1d].—Pains in different parts of the abdomen, caused by flatus (fifth day),[1b].—Aching pains in the abdomen at intervals, with flatulence (thirteenth day),[1a].—[60.] Aching pain in the abdomen after dinner; soon after diarrhœa, with burning in the anus (fourth day),[1d].—***Iliac Region.*** Aching pain in the region of the inguinal rings, and great soreness felt on rising from a recumbent position (ninth day),[1b].

Stool.—Diarrhœa. *Diarrhœa* with *cutting* in the abdomen (first day),[1d].—Diarrhœa without pain, in the forenoon (sixth day),[1b].—Diarrhœa with burning in the anus, soon after the aching pain in the abdomen (fourth day),[1a].—Diarrhœa with burning in the anus before and after stool (after three hours, first day),[1].—Yellow frothy diarrhœa, with tenesmus and burning in the anus after stool, at 3 P.M. (second day),[1].—Full cathartic action, producing four or five large bilious discharges, in twenty-four hours, without pain or griping; at this point, as the diarrhœa was becoming unpleasant, the proving was discontinued, after which the diarrhœa speedily subsided,[2].—Soft stool, with pain and flatulence in the abdomen (fourteenth day),[1a].—Stool again soft and brown (eighteenth and nineteenth days),[3].—[70.] Stool soft, and sticky, dark (twenty-third day),[3].—Stool dark-brown (third day),[3].—Stool small and brown (fourth day),[3].—Stool hard and dark-brown (twenty-ninth day),[3].—Stool first part hard and brown, latter part diarrhœic and of a greenish-yellow color (ninth day),[3].—Stools hard and in balls (twenty-sixth day); more aggravating (twenty-seventh day),[3].—***Constipation.*** Constipation (seventh, ninth, and tenth days),[1a]; (tenth, eleventh, and twelfth days),[3].—Bowels constipated, with considerable griping in the umbilical region (twenty-eighth day),[3].—Bowels moved this morning with a great effort, stool hard and brown (thirteenth day),[3].—No movement of the bowels (twenty-fifth day),[3].

Urinary Organs.—[80.] Inclination to void urine more frequently and more copiously than usual (fifth day),[3].—Considerable burning and smarting on passing urine, which I am obliged to do frequently, as often as every hour or two (twenty-fourth and twenty-fifth days),[3].

Respiratory Organs.—Raising a quantity of dark-colored blood (first day),[1c].

Chest.—Pain in the left chest (second day),[1].—Oppression of the chest (first day),[1c].—Can hardly get a long breath, from a sense of oppression of chest (twenty-ninth day),[3].

Heart and Pulse.—Accelerated pulse (fourteenth day),[1a].—Pulse accelerated 15 beats, 75 being natural (twenty-eighth day),[3].

Neck and Back.—Neck. Rigid state of the muscles of the neck (first day),[1d].—Back of neck feels lame (twenty-third day),[3].—***Back.*** [90.] Pricking sensation up and down the spine (eighth and ninth days),[3]. ***Dorsal.*** Pain between the shoulders (fifth day),[1b].—*Pain under the right scapula,* making breathing painful (sixth day); pain continues (seventh and eighth days), slight (ninth day),[1a].—Pain under the vertical border of

the *right scapula*, increased by moving the part, and by drawing a long breath (fifth day),[1a].—Pain under the left scapula (fourth day),[1b].—Aching in the *right scapula* (fourth day),[1b].—Stitchlike pain *under the right scapula*, when stooping (fourth day),[1a].—***Lumbar.*** Pain in the lumbar and dorsal vertebræ, at night (thirteenth day),[1a].—Violent pain in the region of the lumbar vertebræ and sacro-iliac symphysis, worse when sitting down, in the forenoon (seventh day),[1b].—Aching pain in the lumbar vertebræ, extending through the lumbar region and up the spine (fourth day),[1a].—[100.] Aching pain in the region of the lumbar vertebræ and right sacro-iliac symphysis (third day),[1b].—Aching pain in the region of the lumbar vertebræ, with restlessness, in the afternoon (fifth day),[1b].—Occasional shooting pains in the lumbar region (fourth day),[1b].—***Sacral.*** Aching pain in the region of the sacro-iliac symphysis, worse while sitting (fifth day),[1b].

Extremities in General.—Aching pains in the limbs (fourteenth day),[1a].

Superior Extremities.—Shoulder. Pain in the *left shoulder* (first day),[1c].—Pain in the *left shoulder*, in the elbows, and in the knees (first day),[1d].—Aching pain in the right shoulder (third day),[1b].—Dull, aching pain in the right shoulder (fifth day),[1b].—Sharp rheumatic pain in both shoulders and wrists (fourth day),[3].—[110.] Numb pain in the *right axilla*, extending down the arms along the course of the nerves (fifth and sixth days),[1a].—Aching pain in the right axilla, in the afternoon (seventh day),[1b].—Dull, aching pain in the right axilla, extending down the arms (third day),[1b].—***Arm.*** Dull pain in the left arm (fourth day),[1b].—Aching pains in the arms and wrists, as if sprained by hard work (fourth day),[1a].—***Wrist.*** Numb pain in the wrists and arms, in the forenoon (seventh day),[1b].—Aching pains in the wrists, extending up the arms (seventh day),[1a].

Inferior Extremities.—Cramplike pain in the hip, at night (second day),[1].—Pain in the left knee and thighs, in the forenoon (seventh day),[1b].—Pain in the right knee, felt on going up stairs (sixth day),[1a].—[120.] Occasionally sharp pains in the calves of the legs (third day),[1b].—Aching pain in both ankles (fourth day)[1a].—Left foot numb every time I sit still (second day),[3].

General Symptoms.—Objective. Weight 136½ pounds (before the proving); 132½ pounds (thirty-fourth day),[3].—Restlessness, with aching pain in the region of the lumbar vertebra, in the afternoon (fifth day),[1b].—***Subjective.*** Feeling of lassitude (fourth day),[1a].—Feeling of weakness and debility (second day),[1].—Felt so faint I did not want to get up, but was relieved of faintness after getting up and moving about (twenty-sixth day); more aggravating (twenty-seventh day),[3].—Deathlike feeling, with chills and shuddering all over the body (seventeenth night),[3].—Feel sick and weary (twenty-eighth day),[3].—[130.] Aching pains in various parts of the body (fourth day),[1a].

Skin.—Objective. From the time of the subsidence of the diarrhœa until now, I have had an eruption upon the upper front of the chest, the size of the hand, resembling very much the eruption of the eczema simplex, which I feel confident is the effect of the Juglans, always having been free from eruptions of any kind; the eruption is not troublesome, except when heated from overexertion, when it has the same itching pricking sensation that occurred during the proving,[2].—Pustular eruption appears on the thighs, hips, and nates, with intolerable itching and burning; a few pustules appeared on the body, face, and arms; the eruption remained for

three weeks after the drug was discontinued,[5].—***Subjective.*** Violent itching over the whole body, in spots, changing about first one place then another (twenty-sixth day), more aggravating (twenty-seventh day),[3].—Arms burn and itch, scratching relieves (twenty-fourth and twenty-fifth days),[3].—Arms itch and burn, with redness of skin, also redness and flushed appearance of face (twenty-third day),[3].—Itching and pricking sensation on head, neck, and shoulders (third, fourth, and fifth days),[2].

Sleep and Dreams.—Sleepiness. Constant yawning but not sleepy (fourth day),[3].—Drowsy (twenty-fifth day),[3].—Great tendency to sleep (first day),[1c].—[**140.**] Feel unusually sleepy, want to sleep all the while (sixteenth and seventeenth days),[3].—***Sleeplessness.*** Sleep light and uneasy; very troublesome dreams (fifth day),[3].—Restless sleep (fifth and seventh night),[1b].—Very restless in the night (eighth night),[1b].—Very restless at night; tossing about a great deal while asleep (fourth night),[1b].—Great wakefulness (first day),[1d].—Awoke at 3 o'clock in the morning and could not get to sleep again (third day),[3].—Felt weary and unrefreshed, which is very unusual for me, my sleep being generally good, seldom dreaming any (third morning),[2].—***Dreams.*** Vivid dreams (third day),[1a].—Ridiculous dreams all the night (seventh night),[3].—[**150.**] Very troublesome dreams (sixth day),[3].—Fearful dreams all night, waking from sleep covered with sweat (twenty-eighth night),[3].—Frightful dreams (first day),[1c].—Very restless frightful dreams all night (first night); same restless condition all night; dreamed of being among Indians (second night),[2].

Fever.—Some chilliness alternating with flashes of heat, yet feel refreshed (twenty-ninth day),[3].—Cold chills along the spine (twenty-first and twenty-second days),[3].—Severe ague chill when sitting near warm fire, commencing in back, but no coldness of the flesh (seventh day),[3].

Conditions.—**Aggravation.**—(*Morning*), Headache.—(*Forenoon*), Dull headache; roughness, etc., of throat; diarrhœa; worse when sitting down, pain in region of lumbar vertebræ, etc.; numb pain in wrists, etc.; pain in knee, etc.—(*Afternoon*), Burning in eyes; restlessness.—(*Night*), Pain in vertebræ; pain in hip; restlessness.—(*Ascending stairs*), Pain in knee.—(*After dinner*), Pain in abdomen.—(*While sitting*), Pain in region of sacro-iliac symphysis.—(*After stool*), Burning in abdomen.—(*When stooping*), *Pain under scapula.*

JUGLANS REGIA.

Juglans regia, Linn.

Natural order, Juglandaceæ.

Common name, Walnut (European).

Preparation, Tincture from leaves and from the rind of the green fruit (Clotar Muller).

Authorities. **1**, Clotar Muller, proving with tincture of rind of fruit, repeated doses of 10 to 100 drops, Hygea, vol. 22; **1** *a*, same, proving with tincture of leaves, doses of 20 to 80 drops; **1** *b*, same, repeated doses of 1st dilution; **2**, Fritz, took tincture of rind, doses 10 to 70 drops, from C. Muller's provings; **2** *a*, same, took tincture of leaves, 80 drops; **2** *b*, same, proving repeated; **3**, Dr. M. Muller, took tincture of rind, 10-drop doses, from ibid.; **4**, Edward Begand, took tincture of rind, 20 to 40-drop doses, ibid.; **4** *a*, same, took tincture of leaves, 20 to 80 drops; **5**, Otto Kessler, took tincture of rind, 10 to 50-drop doses, ibid.; **6**, Kuchenmeister, took tincture of rind, doses of 20 to 50 drops, ibid.; **7**, Paul Radelli, took tincture of

rind, 10 to 70 drops, ibid.; **8**, Aug. Kurtzel, took tincture of rind, 10 to 60 drops, ibid.; **9**, Carl Teuzler, took tincture of rind, 10 to 40 drops, ibid.; **10**, T. H. S., a servant girl, took tincture of leaves, 10 to 80 drops, repeated subsequently; **11**, Dr. H. L. Sook, Ohio Med. and Surg. Rep., 1870, p. 216, proving with tincture of nut with shell, doses of 5 to 100 drops; **11** *a*, proving repeated three months later, doses 10 to 100 drops;† **12**, cases of poisoning by Dr. Sook, ibid.

Mind.—Excited, as if intoxicated, in the evening in bed, and a feeling as if the head were floating in the air,[1a].—Peevish, discontented mood in the evening (first day),[1a].—Disinclination to talk or argue, as was customary with him; mental indolence,[3].

Head.—Confusion. Confusion of the head (second day),[1 8].—Confusion, at times vertigo, in the head (first day),[1a].—Confusion and heaviness of the head (second day),[1].—Head confused and heavy,[5].—***General Head.*** Heaviness and dull pain in the head,[8].—Heaviness of the head, which after eating increases to a pain, but wholly disappears after 7 P.M. (seventh day),[1].—[**10**.] Headache, especially above the left eye (third day),[1a].—Headache and flushed face (eighth day),[11].—Dull headache after dinner and in evening,[9].—Violent headache,[5].—Pressive headache, especially in the forehead,[1a].—***Forehead.*** Pain in the forehead above the eyes, as if dizzy,[1a].—Pain in the forehead, especially on shaking the head or moving the eyes (sixth day),[1].—Pain in the left side of the forehead (third day),[1].—Frontal headache, with yawning and great desire to sleep, although had slept well the previous night (sixth day),[11].—Pressive pain in the forehead,[1a].—[**20**.] Pressive pain in the forehead, especially above the left eye (after one hour, first day),[1a].—Sharp lancinating pain in the forehead for several minutes (after third dose, first day),[11a].—***Temples.*** Throbbing in both temples, and a sharp pain in front part of head, relieved by going into the open air, and returning on entering the warm room (half an hour after second dose, fourth day); continues (fifth day),[11].—***Parietals.*** Migraine (hitherto unknown) in the region of the left parietal bone, in a spot of the size of a dollar, lasting several hours, and so violent on speaking that he was obliged to cease,[6].

Eye.—Pressive pain above the eyes, aggravated by motion (third day),[1].—Feeling as in the commencement of coryza in the eyes, nose, and head (first day),[1a].—Burning in the eyes (second day),[1].

Ear.—Left ear commenced burning severely at 2.30 P.M. (two hours and a half after second dose); became very red and swollen, and before bedtime a pimple began to form on the inside (second day); burning in the ear increased (third day); for eight days had a discharge of pus from my ears (the left one more than the right), with a severe burning and redness of the external (left) ear; when walking, there was a feeling as if something was dropping inside of the ear at every step (after four days); during the greater part of the time I was taking the drug, I could not lay the left side of my head on the pillow on account of the soreness,[11a].—Right ear aching, with a feeling of fulness (eleventh day); two days later, left ear commenced in the same way; I then had a discharge of pus from both ears for about a month; the external part of the ear was very much

† For several years during winter I had been annoyed with a burning-itching eruption on the lower extremities, always commencing as soon as I would undress; after the proving I was relieved of it.

inflamed, and had two large and painful sores on it, similar to those I have seen on children who have eaten freely of the nuts,[11].

Face.—Flushed face and headache (eighth day),[11].—[30.] Swelling of the left cheek and upper lip, with a swelling on the gum over the left upper incisors, without previous toothache; after five days this began to affect the cheek, and the skin became red; after a week there was a hard, reddish, extremely painful swelling in the left cheek, in the middle of which, about an inch and a half from the wing of the nose, was a round, sharply-defined circle of the size of a penny, rather depressed beneath the rest of the swelling, dark red, and yielding; discharge of matter at this point was expected every minute, as it could be seen through only a thin layer of skin; I then had the tooth (which was apparently sound) drawn, when a large quantity of ichorous pus discharged through the cavity, and fortunately an external opening was avoided; after a few days the swelling wholly disappeared, and the natural color of the skin returned,[2b].†

Mouth.—Teeth. Dull, tearing toothache in hollow teeth, aggravated by the warmth of the bed,[6].—***Tongue.*** Tongue coated white,[8]; (second day),[1].—Tongue thickly coated white, with bitter, slimy taste in the mouth, in the morning after waking (eighth day),[1].—***General Mouth.*** After dinner he could not make up his mind to drink wine or water as usual; a kind of inclination to keep the mouth dry,[3].—***Saliva.*** Accumulation of saliva in the mouth,[1a 8].—***Taste.*** Slimy taste in the mouth on waking in the morning (second day),[1a].—Bitter taste in the mouth,[8].—Very bitter taste,[1a].

Throat.—Hawking of an unusually large amount of mucus from the throat,[5].

Stomach.—Appetite. [40.] Increased appetite, soon,[1].—Unusual appetite (first day),[8].—Great appetite,[4].—Great appetite through the whole proving,[10].—Unusually great appetite,[6].—Very great appetite (first day),[1a].—Great hunger (after one hour),[1a].—Unusually great hunger without increased thirst,[2a].—Very great hunger the whole day,[2].—Loss of appetite,[8].—[50.] Aversion to tobacco-smoking in the evening (first day),[1a].—***Thirst.*** Thirst increased,[6]; (second day),[1].—***Eructation and Hiccough.*** *Eructations,*[2 4 5].—Eructations and flatulence,[7].—Frequent eructations,[1a]; (after half an hour),[1].—Many eructations,[1].—Many loud eructations (seventh day),[1].—Violent eructations,[4a].—Eructations rather annoying (fifth day),[11].—Eructations tasting of the drug (half an hour after first dose, first day),[11]; (half an hour after second dose, twenty-first day),[11a].—[60.] Eructations tasting as after eating fat (after second dose, first day),[11].—Hiccough, especially violent after eating fat food,[6].—***Nausea and Vomiting.*** Nausea (sixth day),[1]; at 6 A.M. and after supper (first day),[1a].—Nausea, and inclination to vomit,[7].—Nausea and vomiting,[10]; soon,[1].—Woke suddenly from sleep and vomited food which he had eaten three hours before, after which he slept without further trouble,[7].—***Stomach.*** Burning in the stomach (sixth day),[1].—Pressive pain in the epigastric region, and distension of the abdomen,[7].

Abdomen.—Hypochondria. Stitches in the left hypochondrium, beneath the lowest ribs,[6].—Slight pressure in the region of the spleen, with

† During the last two years the prover had two or three times suffered from toothache, followed by a gumboil over the root of the left upper incisors, which, after some days, spontaneously broke through the gum. This prover would make no more provings. During my absence he consulted another physician for the affection of the cheek, who unhesitatingly pronounced it syphilitic, and gave a gloomy prognosis, which terribly frightened poor Fritz.—CLOTAR MULLER.

eructations,[1a].—***Umbilical and Sides.*** [70.] Pain in the intestines, above the umbilicus,[3].—Pain in the left side of the abdomen, beneath the false ribs, aggravated by taking a deep breath, laughing or stooping (third day),[1]. —Dull pain in the left side of the abdomen, on walking rapidly (sixth day),[1]. —Pressive pain over the whole left side of the abdomen, with wandering griping in the intestines,[2].—***General Abdomen.*** Fulness in the abdomen, causing frequent desire for stool,[6].—Abdomen full and hard, with great accumulation of flatulence,[8].—Abdomen very full and distended, after eating,[9].—Distension of the abdomen, with frequent eructations,[8].—Distension of the abdomen, with rumbling and flatulence,[5].—Distension of the abdomen so great that he was obliged to loosen his clothes, together with violent pressure in the stomach,[7].—[80.] Tympanitic distension of the abdomen,[2a 4].—Abdomen distended,[2]; (second day),[1a].—Abdomen distended and tense,[10].—Abdomen very much distended and hard,[2].—Abdomen very much distended, with emission of much flatulence, after dinner (second day),[1].—Abdomen so distended that in spite of good appetite he could eat only a little, on account of a sensation of excessive fulness,[5].—Rumbling in the abdomen,[2a 4a 7]. —Rumbling and griping in the intestines,[8].—Rumbling in the intestines, with pressive pain in the epigastric region,[10].—Flatulence,[2 2a]; (after second dose, third day),[11].—[90.] Flatulence, especially emitted while lying down,[6].—Flatulency now becoming rather annoying (fifth day),[11].—Emission of much flatulence,[4a].—Profuse emission of flatulence,[10].—Pains in the abdomen,[10].—Violent pain over the whole abdomen, somewhat relieved by eructations,[7].—Wandering pains in the abdomen (after one hour, second day),[1].—Pains in the abdomen, pressive and drawing, aggravated by motion, followed by appearance of menstruation fifteen days before the time, whereupon the pains moderated; during the eight succeeding days there was a very copious discharge of blood, blackish, often in large clots (while the menses usually lasted only three days); at the same time she complained of general exhaustion and loss of appetite,[10].—Unpleasant sensation of fulness in the abdomen,[10].—Disagreable sensation of tension and fulness in the abdomen (sixth day),[1].—[100.] Slight drawing in the intestines, with distended abdomen (after one hour),[1a].—Pressive pains over the whole abdomen,[10].—***Hypogastrium.*** Violent pain in the whole lower portion of the abdomen, with nausea,[10].—Sharp cutting pains in the right hypogastric region, lasting a few minutes (five hours after third dose, fifth day),[11].—Violent sticking pain in the hypogastric region, on moving or stooping,[7].

Rectum and Anus.—Burning in the anus,[1a].—Frequent burning and itching in the anus,[1a].—Sharp painful stitches in the anus, so that he was frequently obliged to get out of bed, and was unable to sleep for two hours (fifth night),[1].—(Burning itching in the anus, to which he had been accustomed for a long time, became greatly aggravated, with constant scratching),[1].—Sudden desire for stool, with excessive fulness in the abdomen,[6].

Stool.—Diarrhœa. [110.] Liquid evacuation from the bowels, preceded or accompanied by pressive pain in the abdomen,[10].—Liquid stool (first day); twice repeated (second day),[5].—Stool thin (second day),[8].—Thin, soft, or liquid stools throughout the whole proving,[8].—Stool large, soft, at last almost thin, at 4 P.M. (second day),[1].—Evacuation large, followed by burning pain and pressure in the anus,[1a].—Stool hard,[2 2a 4].—Stool very hard (fourth day),[1].—***Constipation.*** Bowels constipated (third day),[11a]. —Bowels confined since commencing the proving (second day),[11].—[120.]

Bowels confined, in the morning; a natural evacuation, in the afternoon (fifth day),[11].—Stool constipated (third day); hard and passed with great exertion (fifth day),[5].—Stool scanty, hard, with effort (fifty-one hours after the preceding stool), (fourth day),[1].—Stool with great exertion,[7].—No evacuation of the bowels (eighth day),[11].

Urinary Organs.—Micturition. Frequent desire to urinate, apparently dependent on loss of tone in the sphincter of the bladder,[3].—Constant urging to urinate, and involuntary dribbling of urine,[1a].—More frequent micturition than usual,[3].—Obliged to urinate very frequently, and passed double the usual amount; he was obliged to rise at night to urinate,[2].—Obliged to urinate exceedingly often, and much at a time,[5].—[130.] Urinated profusely eight times during the forenoon,[7].—Secretion of urine profuse, so that he urinated profusely seven times during the day,[7].—Increased flow of urine (half an hour after second dose, first day),[11a].—Increased flow of urine, becoming rather annoying (fifth day),[11].—Discharge of very much urine (seventh and eighth days),[1].—Urine unusually profuse (first day),[1a].—***Urine.*** Urine dark-red (second day),[1a].—Urine dark-red, and two or three times as much as usual; was obliged to rise two or three times at night to urinate,[2a].—Great increase of the urine,[7 10].—Urine increased at least one-half in quantity, in the forenoon (third day),[11].—[140.] Urine twice as much as usual, though there was no thirst,[5].—Urine 94 ounces (first day); 110 ounces (second day); 96 ounces (third day); 108 ounces (fourth day); (normal, 70 to 80 ounces),[1].—Urine 112 ounces (first day); 122 ounces (second day); 128 ounces (third day); afterwards normal (70 to 80 ounces a day),[1a].—Urine diminished in quantity (eighth day),[11].—Secretion of urine scanty during the whole proving,[9].—Urine scanty, clear,[3].

Sexual Organs.—Even on the first night he noticed, after coition with his wife, slight burning on the penis, and there appeared a slight abrasion in the skin at the point where the prepuce joins the penis; although it was washed with cold water the soreness increased, so that after eight days there was a suppurating streak several lines broad running half way around between the glans and prepuce; the spot was treated with charpie and linen, but continued to have an ugly look, the ulcer became larger, the margins hard, the base lardaceous, bleeding easily on slight pressure, so that it reminded one of a chancre; frequently there was a small scab, beneath which pus continued to ooze, and which very frequently came off and left a suppurating ulcer as before; this continued for nineteen days; after a few days a hard healthy scab formed in the middle, which at last fell off, leaving healthy skin, so that the form of the ulcer was completely changed, instead of being one long narrow ulcer, there were now two small round ones; these healed after thirty-seven days, leaving no visible scar,[2a].†—Frequent erections during the day,[4a].—Frequent erections day and night,[4a].

Chest.—Oppression of the chest,[6].—[150.] Transient stitches in the chest,[4a].—Frequent short stitches in both lungs, not dependent on motion or respiration,[4].

Heart and Pulse.—Pulse rapid (eighth day),[1].—Pulse more rapid and fuller than usual,[3].

Back.—Extremely violent transient stitches in the sacral region, causing him to start (fourth day),[1].

† Any one who was not cognizant of the origin and course of these ulcers would without doubt have pronounced them syphilitic.—Clotar Muller.

Extremities in General.—Frequent sticking and itching in the right leg, and in the fingers of the right hand,[1a].—Peculiar drawing pain in the first phalanx of the thumb and joints of the left hand, worse on motion, not aggravated by pressure, feeling as if sprained, lasting the whole evening, and after going to bed the same pain in the right great toe; the pain in the toe disappears after rising from bed in the morning, while that in the thumb remains the whole day, often noticed only on moving it, frequently very violent, sometimes while at rest; the painfulness of the thumb continues for a few days,[1a].

Superior Extremities.—Electric starts in both forearms and hands wake him as he falls asleep,[3].—Feeling of weakness in the right hand,[1a].—Pain in the right index finger, at times.[1a].

Inferior Extremities. [160.] Rheumatic pain within the knee-joint, impeding walking,[3].—Drawing and paralyzed feeling in the lower legs and knees, with remarkable weakness; walking was difficult on account of frequent giving way of the knees, lasting several hours (after 80 drops),[1a].—Sticking and a feeling of impediment while walking, as if in the condyle in the inner side of the knee-joint,[6].—Pain and a sensation of impediment in the right instep, while walking,[6].

General Symptoms.—Muscles somewhat relaxed,[1].—General exhaustion and disinclination for the usual business (third day),[1].

Skin.—Objective. Have seen several cases of eruptions on and behind the ears of children who had eaten freely of the nuts, and a few cases of extremely itching eruption, which made its appearance over the entire body,[12].—Eruption on the face, neck, shoulders, and back, consisting of small red pimples, some of which were larger and contained a thickish fluid (a kind of acne),[4a].—Pimples on the face,[1a].—Small pimples on the nape of the neck discharging some moisture when scratched off (like ordinary acne),[1a].—[170.] An old tetter on the dorsal surface of the hand, above the thumb, of the size of a penny (which had almost entirely disappeared under Mezereum), began to itch violently and became sore and red,[6].—***Subjective.*** Itching in the skin in various parts of the body,[4a].—Itching here and there in the skin,[1a].—Restless sleep on account of itching here and there in the skin; many dreams and repeated erections,[4a].—Burning and itching in the skin of the legs, arms, and abdomen, here and there, with restless tossing about in bed and inability to sleep (first night),[1a].—Violent burning and itching on the flexor surface of the right forearm, near the elbow-joint, and the appearance of a red spot as large as a half dollar, in the middle of which small pimples developed; the next day the red spot had disappeared, the pimples had become larger, very painful, and another furuncle was dreaded; although some pus formed it did not increase in size but disappeared, so that nothing could be seen after six days,[1b].†—Itching on the sternum obliging him to scratch,[6].—Itching on the dorsum of the right hand frequently obliging scratching; afterwards on the feet, forehead, scalp, and abdomen, without visible appearance on the skin (seventh day),[1].—Itching on several fingers of the right hand, in the afternoon,[1a].—Frequent itching of the hands,[6].—[180.] Constant itching of the right hand (after one hour),[1a].—The skin of the right axilla itched and burned, and became sore and cracked; during the next month it continued very red and scaly; it became moist and a large tetter formed, consisting

† I had never before these provings suffered from any skin disease whatever.—Clotar Muller.

of small vesicles with very violent burning; if I perspired much the tetter became much worse the next day; the perspiration together with the secretion from the eruption made a greenish-yellow stain and stiffened the linen; the pain became so great at times that all violent motion of the arm was impossible; the glands were not swollen; in order to relieve the itching and burning the spot was at times washed with cold water; nothing else was used. I noticed that increased burning and itching were always associated with aggravation and extension of the tetter, so that always a few hours after increased burning and itching a new eruption of vesicles and a larger extent of redness became apparent; during the succeeding month the same trouble broke out in the left axilla but did not become so violent; another month later a small furuncle appeared on the shoulder (on the coracoid process), suppurated and healed after a few days; ten days afterwards a very large and painful furuncle appeared over the biceps muscle, about two inches from the elbow; it was surrounded by a circumscribed redness and induration; it ripened after ten days and discharged much bloody matter and speedily healed; after still another month there appeared two red spots on the right elbow-joint, which itched violently, and upon which there developed a small yellow pustule; these both disappeared after eight days. At this time the tetter in the axillæ had not entirely healed; in the right axilla there was almost nothing to be seen, in the left there appeared a new eruption of small burning vesicles, which afterwards formed a red moist spot; perspiration aggravated the burning and moisture very much, so that the shirt over a large space was stained yellow and stiffened; about this time there also appeared on the right side between the ninth and tenth rib another furuncle, with decided induration and violent pain, which ran a course of nine days and discharged some bloody matter, leaving an induration for a long time. About this time a red spot appeared on the arm, not far from the seat of the second furuncle, continuing to enlarge for ten days, becoming rather hard, something like a small cystic tumor or indurated gland, but quite painless; at this time there also appeared on the left instep and afterwards on the right (though here in a less degree) a peculiar skin-affection, a redness of the size of a half dollar, with itching and eruption of small vesicles, leaving behind a small hard scurf, whereby the whole place became elevated and very painful; the small scabs especially caused violent pain, since they were pressed in by the boot and rubbed off, so that the part became raw and was prevented from healing. This distressing trouble lasted for a month, after which it gradually disappeared, though the spot remained of a bluish-red color, thickish and swollen, for a long time,[1a].

Sleep and Dreams.—Sleepiness. Yawning and great desire to sleep, although had slept well the previous night (sixth day),[11].—Considerable yawning (after second dose, first day),[11].—Frequent yawning,[1a].—Frequent yawning and stretching, in the afternoon (third day),[1].—After lying awake half an hour, slept well (first night),[11a].—***Sleeplessness.*** Restless sleep with frightful dreams,[4a].—Was unable to sleep after dinner as usual, though inclined to do so,[3].—***Dreams.*** Many restless dreams,[1a].

Fever.—Chilliness. [190.] Extremities icy cold (eighth day),[1].—***Heat.*** Heat over the whole body, in the evening,[8].—Flushes of heat, with confusion of the head (third day),[1].—Alternations of heat and coldness over the whole body (seventh day),[1].—Hot head with cold extremities, after 9 P.M. (seventh day),[1].—Head burning hot, in the evening (eighth day),[1].—

Hands burning hot, with rapid pulse (108), at 9 P.M.; followed by moderate perspiration over the whole body,[8].

Conditions.—**Aggravation.**—(*Morning*), On waking, slimy taste.—(*Evening*), After 9 o'clock, hot head, etc.; at 9 o'clock, hands burning, etc.—(*After fat food*), Hiccough.—(*Deep inspiration*), Pain in side of abdomen.—(*Laughing*), Pain in side of abdomen.—(*Motion*), Pain above eyes; pain in abdomen; pain in hypogastric region.—(*Speaking*), Migraine.—(*Stooping*), Pain in left side of abdomen; pain in hypogastric region.—(*On walking rapidly*), Pain in left side of abdomen.—(*Warmth of bed*), Toothache.

Amelioration.—(*Open air*), Throbbing in temples, etc.

JUNCUS.

Juncus effusus, Linn.

Natural order, Juncaceæ.

Common names, (German), Simse; (English), Soft Rush; (French), Le Jonc.

Preparation, Tincture (of root probably).

Authority, Dr. Wahle, provings Archiv f. Hom. Heilk., 19, part 2, p. 183.

Mind.—Anxiety in the morning during a partial slumber, like the orgasm of blood, with frequent palpitation, so that he was obliged to sit upright, when it disappeared (fifth day).

Head.—Vertigo. Vertigo as if everything were turning in a circle, during rest (after five hours).—Vertigo with nausea, while walking (after half an hour).—***General Head.*** Pressive drawing headache, extending from before backwards.—***Forehead.*** Pressing asunder headache on stooping, feels as if the forehead would press asunder.—On rising up in bed in the morning, a burrowing pain as in suppuration in the forehead and occiput, which immediately disappears on lying down again (after twenty-four hours).—Pressive headache above the forehead.—***Occiput.*** Bubbling sensation in the right side of the occipital bone, which extends to the right ear, where it leaves a dull pressive sensation.

Eye.—Itching on the margins of the lids, disappearing on rubbing.

Ear.—[10.] Cramplike pain in the external ear.—Feeling as if the inner meatus were swollen.

Nose.—Objective. Stopped catarrh.—Stopped catarrh for four or five days.—***Subjective.*** He feels like sneezing, as if he had catarrh.—Itching on the inner surface of the left nostril.

Face.—Pain on the outer side of the upper lip as from a splinter sticking into it.—Sticking-itching pain above the left corner of the mouth, as if a splinter were sticking into it, in the morning.—Unpleasant bubbling sensation in the right articulation of the lower jaw, where it leaves a feeling as if the parts were swollen.

Mouth.—Dull sticking toothache.—[20.] Tongue coated whitish-yellow, with a slimy taste in the mouth after dinner.—Slimy taste on the tongue with a yellow fur.

Throat.—Throat dark and scrapy.—He hawks up much yellow mucus without coughing, for several days (after four days).—Pressure in the throat on swallowing, as if the tonsils were congested and swollen.

Stomach.—Swelling in the region of the pit of the stomach.—Tightness in the pit of the stomach, as if everything there were too full and swollen (after twenty-four hours).—Spasmodic pulling pain in the pit of the stomach and epigastric region, aggravated by pressure with the hand.—Pressure in the pit of the stomach.

Abdomen.—Continual rumbling and noises in the abdomen as if diarrhœa would occur.—[30.] Constant rumbling in the abdomen obliges him to go to stool, but no stool follows, only emission of flatulence (after four hours).—Flatulence accumulates beneath the hypochondria and causes pressure and pressing outward (after twenty-four hours).—Stoppage and pressure in the abdomen as if everything were too full (after fourteen hours).—Drawing pain in the pubis thrice repeated, while sitting.—Colic as if he had taken cold and diarrhœa would come on, in the evening (after fourteen hours).—Griping colic while in the house (after forty-eight hours.) —Pain like a suppuration in the right side of the abdomen.—Itching-sticking pain in the left ilium (after thirty-six hours).—Sharp stitch extending deep inward above the crest of the ilium, taking away the breath. —Unusual feeling of relief of the abdominal symptoms after emission of flatulence.

Rectum.—[40.] Itching in the rectum.

Stool.—A thin stool consisting of small lumps (after twenty-four hours).

Urinary Organs.—***Urethra.*** Slight itching-burning in the urethra.—Tension in the urethra, with a sensation as if something alive were crawling about in it.—***Urine.*** The urine looks like clay-water.—The urine deposits a red sediment after standing a few hours (after twenty hours).

Respiratory Organs.—Dyspnœa.

Chest.—Pulling tensive pain in the lower portion of the chest on inspiration, lasting several days.—Pressure on both clavicles as if he had carried a heavy weight.—Pressive pain transversely across the lower portion of the chest, as soon as he lies upon the back, immediately disappearing on lying upon the side (after forty-eight hours).—[50.] Violent, pressive pain in the lower portion of the chest, worse on expiration and aggravated by bending the body sideways (after three hours).—Feeling of heaviness on the chest, as from a great weight.—Pain as if the whole chest were crushed (after three days).—Sticking commencing in the left third false rib and extending to the right nipple.—The whole internal chest pains as if suppurating, especially if he turns from left to right or from right to left.—Excessive pain in the middle of the diaphragm on hawking mucus, as if it were adherent beneath and inflamed (after seventy-six hours).—***Front.*** Pain as if the lower portion of the sternum were pressed inward (after three hours).—Sticking in the sternum.—Dull sticking pain like suppuration in the upper part of the sternum on expiration.

Neck and Back.—***Neck.*** Painful tension and pulling in the left cervical muscles.—[60.] Painful paralytic drawing on the left side of the neck (after seven days).—Pressive drawing in the cervical vertebræ as if it would draw the head towards the right side.—Spasmodic pulling in the tendons of the right cervical muscles.—***Dorsal.*** Tensive pain between the scapulæ.—Drawing and pulling in the dorsal vertebræ as if he would be bent backward; frequently repeated.—Bruised pain in both scapulæ.—***Lumbar.*** Pressive pain in the small of the back.—Pressive pain in the small of the back, which causes anxiety.—Anxious pressive pain in the small of the back.

Extremities in General.—Painless cracking in the joints.

Superior Extremities.—***Shoulder.*** [70.] Dull sticking pain in the left axilla, in the evening in bed.—Visible twitching of the deltoid muscles.—***Arm.*** Pressive, dull sticking pain on the outer side of the right

humerus.—***Elbow.*** Painful pressure in the ligaments of the right elbow-joint during rest.—Pressive paralytic pain in the bend of the right elbow, gradually disappearing on stretching out the arm, but renewed immediately on flexing it, lasting several days (after four hours).—Pain as from a sprain in the right elbow-joint (after twelve hours).—Pressive tearing on the inner side of the right elbow-joint.—***Forearm.*** Drawing pain in the bones of the left forearm.—Pain as from a blow on the outer portions of both forearms, during rest and motion.—***Wrist.*** Painful burrowing in the bones of the wrist, during both rest and motion.—[**80.**] Tearing in the bones of the left wrist, extending towards the thumb.—***Hand.*** Cramplike pain in the left hand while writing (seventh day).—***Fingers.*** Cramplike pain in the second finger of the left hand (after two hours).—Cramplike pain in the fingers of the left hand as if they would be contracted, disappearing on motion (after twelve hours).—Drawing pain in the right little finger.—Sticking as with needles in the left index finger.—Tearing in the articulation of the right thumb, with violent bubbling (like the beating of the pulse), lasting several minutes.—Crawling in the left thumb, which falls asleep.

Inferior Extremities.—Hip. While walking, stiffness in the right hip as if the tendons were too short.—***Thigh.*** Pinching as with pincers in the left gluteal muscles.—[**90.**] Paralytic drawing extending down the left thigh (after forty-eight hours).—Drawing pain in the left thigh.—Sticking pain along the right thigh, followed by a pressive sensation (after a quarter of an hour).—Several successive needlelike stitches in the outer side of the left thigh.—Twitching in the left gluteal muscles, as if something living were beneath them (after twenty-four hours).—Bruised pain in the thighs and scapulæ, as if the flesh were torn loose, lasting two days.—Pain on the inner side of the right thigh, close to the knee, as if he had received a violent blow there (fifth day).—***Knee.*** Drawing pain in the tendons of the left knee-joint.—Dull drawing pain in the right knee-joint, during rest.—Sticking in the right knee.—[**100.**] Dull sticking pain in the right patella, in bed.—Three successive stitches in the hollow of the right knee, while walking and during rest.—Twitching pain in the right knee-joint, afterwards in the articulations of both jaws and in the clavicles.—Constant bubbling pain in the right knee-joint.—***Leg.*** Heaviness in the calves and muscles of the legs (after eighteen hours).—Tension in the tendo Achillis as if it were swollen and too short, as soon as he bends the left foot forward.—Painful drawing along the right tibia.—Very painful drawing in the bones of the lower legs, during rest, disappearing on motion (fifth day).—Painful pressure and throbbing in the left lower leg, in the morning.—Bubbling and drawing in the muscles of the calves.—[**110.**] Bubbling pain in the bones of the left lower legs, lasting three hours (after five hours).—Trembling and bubbling in the tibia and middle toes while lying (after fourteen hours).—***Ankle.*** Pain as from a sprain in the left ankle during rest.—Pain as from a sprain in the inner malleolus of the left ankle, in the morning (after twenty-four hours).—Sharp sticking pain in the inner malleolus of the right foot, which takes away his breath.—Throbbing pain in the inner malleolus of the right foot.—Jerking pain, now in the left, now in the right ankle.—***Foot.*** Crawling as if asleep, now in the sole of the right foot, now in the left knee-joint (after ten hours).

Skin.—Itching crawling in the scar of an incised wound received several years previous, with elevation of the scar as if it would break out (after eight hours).—Itching in the forepart of the penis.—[**120.**] Itching

on the scrotum, disappearing on rubbing.—Itching and jerking in the right knee.—Itching on the upper part of the calves, on the knee-joints and inner side of the thighs, disappearing on scratching, followed by violent burning, in the evening in bed (after sixteen hours).

Sleep and Dreams.—Wakes very early in the morning, without being able to fall asleep again.—Vexatious, sad dreams.—Dreams full of hunting; he laughs aloud in his sleep.—He dreams that his abdomen is covered with warts and ulcers, to which he is indifferent.

Fever.—Chilliness over the whole body, immediately on getting out of bed in the morning (after twenty-four hours).—On raising the bed-covers somewhat, and allowing a little air to come to the feet, he becomes chilly over the whole body.—Shivering.—Repeated shivering.

Conditions.—**Aggravation.**—(*Morning*), All pains renewed, especially in the chest and throat; during partial slumber, anxiety, etc.; on rising up in bed, pain in forehead, etc.; pain above corner of mouth; pressure, etc., in lower leg.—(*Evening*), All pains; all pains renewed, especially in chest and throat; in bed, pain in axilla.—(*Bending body sideways*), Pain in lower chest.—(*Expiration*), Pain in lower chest; pain in sternum.—(*Flexing arm*), Pain in bend of elbow.—(*Lying on back*), Pain across lower chest.—(*Pressure*), Pain in pit of stomach, etc.—(*During rest*), Pressure in ligaments of elbow-joints; pain in knee-joint; drawing in leg-bones.—(*While writing*), Pain in hand.

Amelioration.—(*Bending forward*), Pains in chest.—(*Emission of flatulence*), Relief of abdominal symptoms.—(*Motion*), Pain in fingers.—(*Pressure*), Pains in chest.—(*Stretching out arm*), Pain in bend of elbow.

JUNIPERUS VIRGINIANA.

Juniperus Virginiana, Linn.

Natural order, Coniferæ.

Common names, Red Cedar, Savin.

Preparation, Tincture from the twigs.

Authorities. **1,** Dr. Charles A. Lee, Am. J. Med. Sc., 21, p. 345, a woman took an ounce of the oil to procure abortion; **2,** Dr. Samuel C. Wait, Bost. M. and S. Journ., 1849, p. 469, a woman, aged 26, took a large teaspoonful of the oil; **3,** same, Mrs. A. E. B., aged 32, took some (dose not mentioned); **4,** same, Miss L. K., aged 17, subject to fits of mental derangement, but otherwise healthy, took an ounce of the oil; **5,** same, Miss A. G., aged 17 (about two teaspoonfuls found in stomach); **6,** C. H. Cleveland, Bost. Med. and Surg. J., 44, p. 336, Miss ——, took half an ounce of the oil; **7,** Dr. Ingalls, Bost. M. and S. Journ., 57, 384, a girl took half an ounce of oil for an emmenagogue; **8,** Dr. Hodgdon, same reference, effects on a woman; **9,** Dr. C. Holly, Detroit Rev. of Med. and Pharm., July, 1876, p. 478, Mrs. W. took half an ounce.

Mind.—Emotional. During the paroxysm (of fever) raved incoherently,[1].—Delirious (after six hours),[2]; (after several hours),[4].—Moaned most piteously,[3].—Fright,[7].—***Intellectual.*** During the morning of her death she lay in a stupid state; answered no questions, and did not appear to be sensible,[1].—As the convulsions continued the stupor became more and more profound,[3].—At the end of an hour and a half from the time at which she was found the convulsions ceased altogether, leaving her in a state of profound coma, breathing heavily but regularly,[2].—She lay appar-

ently in a deep comatose sleep until about 9 o'clock next day, when she awoke to perfect consciousness, with no recollection of what had occurred since swallowing the oil,[9].

Head.—Dizzy (after fourteen hours),[2]; (after several hours, and second day),[4].—[10.] Head felt bad,[4].—Head felt as if inclosed with an iron band (after a few minutes),[9].

Eye.—Eyes somewhat bloodshot, but as the patient had been weeping I did not know but the sclerotic congestion might in part have been caused by that,[6].—Eyes began to glare and twitch,[4].—Eyes felt as if bursting from their sockets (after a few minutes),[9].—***Pupil.*** Pupils dilated,[6].—Pupil dilated to one-half of the width of the iris,[4].—Pupil completely dilated,[3].

Face.—Very red in the face,[5].—Countenance assumed a venous aspect,[3 4].—[20.] Face swollen and livid,[6].—Veins of the face, head, and neck fully distended,[6].—One-half of the lower lip and part of the chin, and down upon the side of the neck, were much swollen, and of a dark hue, almost like ecchymoses from a bruise; the tongue and gums, too, were involved in a similar swelling and lividity,[6].—Jaws firmly fixed,[6].

Mouth.—Thought it would take the skin from her mouth and throat,[1].—She could not speak so as to be understood; she articulated like a person laboring under hemiplegia,[3].

Throat.—Fauces in spots denuded of their mucous covering,[6].

Stomach.—Thirst. Thirst (after several hours and on second day),[4].—Great thirst,[1].—***Nausea and Vomiting.*** Nausea,[7].—[30.] Sick and distressed at her stomach (second day),[4].—Vomited,[3].—A slight attempt at emesis, and a very little of the oil was vomited,[9].—Vomited between the fits; the matter vomited emitted the odor of cedar oil,[2].—Vomited freely,[4].—Vomiting of a black matter and afterwards of a green matter; the vomiting continued all day,[1].—***Stomach.*** Considerable distension and tenderness at pit of stomach,[6].—Distress at her stomach (after several hours and on second day),[4].—Pain in her stomach,[5].—On being requested to put her hand on the seat of suffering she put it upon her stomach,[3].—[40.] Stomach burned,[4].

Abdomen.—Abdomen swollen and hot,[6].—Pain in the bowels,[1].—Complained of intensity of pain in abdomen,[6].

Stool.—Violent purging, which continued till death,[1].—Bowels loose the first day, but for the last twenty-four hours nothing had passed them,[6].

Urinary Organs.—Great difficulty in passing urine,[1].

Sexual Organs.—Uterine hæmorrhage,[1].

Respiratory Organs.—The soft parts about the neck were sucked down at every effort at inspiration, and the lower jaw descended,[3 4 5].—Stertor continued for a few minutes; it was succeeded by breathing of a very different kind; and the chief character of this was an unsuccessful heaving of the chest in inspiration for breath, and a limpsy dropping together of the chest in expiration,[3 4 5].—[50.] Expiration slow and without assistance from the expiratory muscles; the chest appeared to fall together from its own weight,[6].

Heart and Pulse.—Pulse less than 60, afterwards sank to 45, then intermitted,[3].—Pulse 55 (one hour and a half after she was found); after an hour it began to rise in frequency, became more regular, narrow, normal, and firm; over 100 (after six hours),[2].—Pulse 50; afterwards began to intermit,[1].—Pulse 45, wide, and soft; afterwards 40 and 45; after bleeding to the amount of twelve to sixteen ounces, 35, yet regular,[5].—Pulse fluttering, feeble, and slow, not more than 55 in a minute, and very irregular,[6].

Superior Extremities.—Hands at times clenched,[6].

Inferior Extremities.—Staggering,[4].

General Symptoms.—Objective. Twitching of the muscles,[9].—Convulsions for three or four hours,[8].—[**60.**] A most violent convulsion came on, and all further consciousness was lost for twelve hours. Convulsions rapidly succeeded each other, until within two hours she had eleven,[9].—Whole body, neck, trunk, and extremities perfectly stiff, all the voluntary muscles being in that state of violent contraction called by Cullen "*spastic rigidity*," and by some others "*tonic spasm*," and the whole body at the same time *jerking;* her eyes glaring and still; jaws set; hands clenched; breathing struggling; choking and strangling; countenance bloated and livid, and her pulse as low as 60 per minute, very wide, and soft; soon her breathing became more free, uniform, and active, and at each expiration puffed out blubbers from her mouth, and at each inspiration hauled them in; coincident with the improvement in her breathing the jerking abated, and the spasm of the muscles gave way, till her arms fell limpsy by her side; the whole system then became relaxed, and the breathing quite easy and quiet, yet the eye remained glaring and fixed, the pulse slow, wide, and soft, yet the stupor so profound that no sign of consciousness could be elicited; this paroxysm was soon followed by another, which began by jerking of the eyes, followed by jerking of the head, contraction of the muscles of one side of the face and neck, then those of the other side, those of the back of the neck, those of the arms, trunk, and lower limbs, in rapid succession; when the muscles of the arms and of the body generally contracted, the arms were reached out imploringly, which with the accompanying groan, if groan *that noise* could be called, anxious and strained eye, and distorted countenance, was the natural language to the bystanders of the extremest terror and amazement, although the patient was entirely unconscious; then followed violent jerking of the whole body, the breathing being nearly suppressed; after a little time the jerking gradually abated, and the breathing became more free, and the symptoms given of the latter part of former paroxysm succeeded and in the same order; followed by other convulsions; pulse 55, intermitting, wide, and soft,[2].—The whole system of voluntary muscles tightened with the most rigid spasm, the whole body jerking, the eyes glaring, pupils dilated a little, pulse 60 per minute, and respiration struggling, catching, and strangling; followed by another paroxysm which, as in other cases, began by a jerking of the eyes, followed by jerking of the head, contraction of the muscles of one side of the face and neck, those of the other side, those of the back of the neck, those of the arm, trunk, and extremities, accompanied by the same imploring reaching of the arms, groan, if groan *that noise* can be called, glaring eye, and natural language of the most extreme terror and amazement, and this succeeded by jerking of the whole body; so heart-sickening, and indeed frightful, was her appearance that but few of the bystanders could bear the sight; some fainted, and others covered their faces with their handkerchiefs and turned away; so imperfectly did the spasm pass off between the paroxysms that the patient was in constant motion; two or three men tried to hold her still, but they could not do it so as to prevent the medicine being spilt. I had constantly to keep some hard substance between her teeth to prevent their shutting,[5].—The patient passed into an apparently apoplectic state, accompanied with stertorous breathing, as the convulsions ceased,[3].—At the end of forty minutes from the commencement of the convulsions they ceased altogether, leaving the patient

in an apparently apoplectic state, accompanied with stertorous breathing, and a pulse numbering about 50 per minute,[4].—After the convulsions ceased, an apparently apoplectic state, accompanied with stertorous breathing, twitching of the voluntary muscles, venous countenance, and pulse between 40 and 45,[5].—When the fever was off, appeared much exhausted,[1].—Much exhausted, or in a state of prostration, when she made an effort to inspire; when the air passed *out* of the chest all strength seemed wanting,[6].—Found on the floor, and supposed to be dying,[2].—***Subjective.*** Felt very strangely (after a few minutes),[9].—[**70.**] Sore all over (after fourteen hours),[2]; (second day),[4].

Sleep.—Could be aroused a very little, but would immediately doze away again (after four hours),[2].

Fever.—Chilliness. Rigors followed by fever,[1].—***Heat.*** Feverish (after fourteen hours),[2].—Considerable fever and pain, similar to labor pains,[1].—High fever (second day),[4].—***Sweat.*** Skin dry and parched,[6].

KALI ACETICUM.

Potassium acetate, $C_2H_3O_2K$.

Preparation, Solutions in alcohol or water.

Authorities. **1,** Vogt took nine teaspoonfuls of Liq. Kali Acet. first day, ten teaspoonfuls second day, same third day, seven teaspoonfuls fourth day, Boecker's Beitræge; **2,** second series of experiments, "by one more sensitive to the action of the drug than Vogt." Huekenbeck took two teaspoonfuls at 8 and 11 A.M., one teaspoonful at 1, 3, and 9 P.M. (first day); repeated doses aggregating eleven spoonfuls (second day); in all ten spoonfuls (third day); in all fifteen spoonfuls (fifth day); and twelve spoonfuls a day (sixth, seventh, and eighth days); **3,** Cattell, Br. J. of Hom., 11, 349, symptoms from Month. Journ., May, 1850, and Med. Times, Oct. 1849; **4,** Dr. Golding Bird's experiments, effects on a young lady, Bost. Med and Surg. J., 1862, p. 133.

Head.—Confusion with pains in the head, transient (first day),[2].—Headache about 4 P.M. (eleventh day),[2].—Dull headache in the morning (fourth day),[2].

Nose.—(Catarrh with some hoarseness, on which account the proving was suspended, though I was uncertain whether or not it was the effect of the drug), (fourth day),[1].

Stomach.—Constrictive dull pain in the stomach, extending to low down in the abdomen, gradually disappearing after two hours (first day),[2].—Dull, pressive, pinching and constrictive pain in the epigastric region, coming on a few minutes after each dose, and lasting an hour (first day),[2].

Abdomen.—Pains in the region of the umbilicus, lasting without cessation till going to bed, when they suddenly disappeared, and I was able to sleep through the night (first day),[2].—Unnatural distension of the abdomen after supper (third day),[2].—Griping,[3].—[**10.**] Griping pain in the abdomen, transient (second day),[2].—Gnawing pain in the abdomen (third day),[2].—An indefinite gnawing pain in the abdomen, lasting an hour in the afternoon (fifth day),[2].—Gnawing sensation in the abdomen at 9.15 A.M., which became painful after fifteen minutes and lasted till evening (sixth day),[2].

Rectum and Anus.—Discharge of hæmorrhoidal blood several times during the day (second day),[1].

Stool.—Diarrhœa,[3].—Two evacuations (second day),[1].—Two stools in the evening (fifth day),[2].

Urine.—Urine much increased in quantity and very watery,[3].—16 ounces of urine in twenty-four hours, containing 416 grains of solids; after 3 drachms had been taken in the course of twenty-four hours she passed 46 ounces of urine containing 782 grains of solids, with an excess of 72 grains of urea over the amount in the 16 ounces of urine passed when no medicine was taken,[4].—[**20.**] While taking the drug there was an average daily increase of 208 grammes of the urine; an increase of 206 grammes of the aqueous portion of the urine; an increase of 1.98 gramme of the solid constituents; decrease of 3.80 grammes of the urea; decrease of .008 gramme of the uric acid (the daily average before taking the drug being .008 gramme, but while taking there was absolutely none); an increase of 6.94 grammes of the inorganic salts; decrease of .54 of phosphatic earths; decrease of .06 of phosphate of lime; decrease of .27 of phosphate of magnesia; decrease of 1.14 gramme of volatile salts and extractives; the diminution of the earthy phosphates, of the phosphate of lime and phosphate of magnesia is established; that the inorganic salts are increased seems to rest upon the fact that the prover was taking an inorganic salt; it is noteworthy that the amount of urea was only very slightly diminished, though the development of the carbonate of ammonia in the urine showed that there was active decomposition of the urea and uric acid, thence it is very probable that the quantity of urea is increased by acetate of potash,[2].—During the proving there was a diminution in the amount of urine 36.25 grammes; a diminution of the aqueous portion of the urine 50.13 grammes; an increase of the solid constituents 13.88 grammes; a decrease of the urea .76 gramme; an increase of the uric acid .20 gramme; increase of mucus .16 gramme; increase of inorganic salts 14.47 grammes; decrease of the phosphatic earths 1.50 gramme; decrease of volatile salts and extractives .20 gramme,[1].—It was noticed during the proving that the urine evolved ammonia, which probably arose from the decomposition of the nitrogenous constituents of the urine,[1].—The normal specific gravity of the urine 1.0116, reaction acid; specific gravity 1.015, reaction alkaline (first day); specific gravity 1.013, reaction alkaline (second day); specific gravity 1.020, reaction alkaline, somewhat turbid (third day); specific gravity 1.014, reaction alkaline (fourth day),[1].—Specific gravity of urine 1.019, reaction alkaline (first day); specific gravity 1.018, reaction strongly alkaline, of a peculiar sweetish odor (containing no sugar), (second day); 1.021, reaction alkaline, odor alkaline, of a yellowish color, turbid, without sediment (third day); specific gravity 1.019, reaction alkaline, odor alkaline, of a deep yellow, saturated color, somewhat turbid (fourth day); specific gravity 1.020, reaction alkaline, odor alkaline, of a yellow color, turbid (fifth and sixth days); specific gravity 1.022, reaction strongly alkaline, odor alkaline, color yellow, turbid (seventh day); specific gravity 1.026, reaction strongly alkaline, odor strong alkaline, not quite clear; in the morning the urine had no sediment, but after twelve hours it deposited a small quantity of earthy phosphates (eighth day); specific gravity 1.027, reaction very strongly alkaline, odor alkaline, quite clear, whitish sediment, of a yellow color (ninth day); specific gravity 1.030, reaction very strongly alkaline, odor alkaline, turbid, of a whitish-yellow color (tenth day); specific gravity 1.024, reaction very strongly alkaline, odor alkaline, turbid, of a whitish-yellow color (eleventh day),[2].

Extremities in General.—Great weariness of all the limbs, with

some headache (tenth day),[2].—Extreme weariness and trembling in all the limbs, in the morning (fourth day),[2].

Inferior Extremities.—The weariness in the lower limbs and the dull headache disappeared half an hour after the afternoon nap (fourth day),[2].

General Symptoms.—Dropsy (?),[3].—Trembling and anxiety in the whole body, of transient duration, soon (first day),[2].

Fever.—[30.] Profuse perspiration, which was very offensive, during a walk of two hours (seventh day),[2].—Much perspiration on the head, especially from 11 to 1 o'clock (fourth day),[2].

Conditions.—**Aggravation.**—(*Morning*), Dull headache.—(*Afternoon*), About 4 o'clock, headache; weariness, etc., in limbs.

Amelioration.—(*Afternoon nap*), Weariness in lower limbs, etc.

KALI ARSENICOSUM.

Potassium arsenite, $As_2O_3K_2O$.

Preparation, Solution in water.

Authorities. **1**, Berndt, from Wibmer, a man took a few drops; **2**, Prov. Med. and Surg. J., 1848, p. 459, a boy, aged 16, took three drops three times a day for scaly eruption on arms and legs; **3**, Cattell, additional effects from Med. Times, old series, 12, p. 390, etc.

Mind.—Dementia,[3].

Eye.—Inflammation of tarsi,[3].—The eyes are suffused with tears,[2].—Conjunctiva injected; or *glassy*,[3].—The conjunctiva is slightly inflamed,[2].—Conjunctivitis,[3].—Sight dim,[3].

Throat.—Constriction of the throat,[3].—Submaxillary glands swollen and tender,[3].

Stomach.—[10.] Nausea, vomiting, and purging; the vomiting was repeated more than two hundred times (after a quarter of an hour),[1].—Vomiting, severe colic, and general prostration of the strength,[3].—Gastritis,[3].—Slight pain at epigastrium,[2].—Mucous irritation of the stomach,[3].

Abdomen.—Severe colic, vomiting, and general prostration of the strength,[3].

Stool.—Violent *diarrhœa*,[3].

Urine.—Urine not very plentiful, and covered with a pellicle,[2].

Heart.—Palpitation,[3].

Extremities in General. Limbs swollen,[3].—[20.] Trembling of the limbs,[3].—Great weakness and partial paralysis of upper and lower extremities, with burning pains in the feet,[2].

Superior Extremities.—The hands become quite stiff, insensible; the right hand was flexed, with a sticking sensation in the palms,[1].

Inferior Extremities.—The knees were bent up so that he could not move the feet,[1].

General Symptoms.—Lassitude with febrile heat,[3].—Weariness,[3].—Agitation and alarm,[3].—Neuralgic pains,[3].—Aggravation from a slight cold,[3].

Skin.—Desquamation of cuticle,[3].—[30.] Nettlerash (ninth day),[1].—Faint pityriasis all over covered parts, which are dirty-brown, or dingy, and have an unwashed appearance,[3].—Pustular eruption,[3].—Ecthyma,[3].—*Pruritus*, and with papulæ on scrotum,[3].

Sleep.—Want of sleep at night,[2].—Restless nights,[3].

Fever.—Hands and feet icy cold, insensible,[1].—Flushes of heat,[3].—Febrile heat with lassitude,[3].

KALI BICHROMICUM.

Potassium bichromate.

Preparation, Triturations.

Authorities. **1,** Dr. Drysdale, Br. J. of Hom., App. to vol. 1, and "Hahn. Mat. Med," part 1, provings with repeated doses of 1st, 2d, and 3d dilutions; **2,** Dr. R. Dudgeon, ibid., took saturated solution, 5 drops, half an hour after dinner; 10 drops at 11 P.M., first day; 15 drops at 11 A.M. and 1.15 P.M., second day; **3,** Dr. Edward Hamilton, ibid., took, of a solution of 4 grains to 1 ounce of water, at various times during a month, 10, 20, 60, and 100 drops; **4,** Dr. R. Russell took, of solution of 5 grains to 1 ounce of water, at different times, 20 to 40 drops, ibid.; **5,** John Wright, two provings, took from a few drops to 20 drops of the solution, ibid.; **6,** M. J., aged 21,† took of the solution (5 grains to 1 ounce), 5 drops at bedtime, first day; 5 drops at 7 A.M. and 4 drops in evening, second day; 4 drops at 6 A.M., third day; 15 drops, evening, seventh day; 15 drops, 6 A.M., eighth day; 20 drops, morning, ninth day, ibid.; **7,** Dr. Neidhard took 3d trituration twice a day, ibid.; **8,** Dr. Norton took crude drug, $\frac{1}{100}$th grain, four times a day, one to sixth days; $\frac{1}{50}$th-grain doses eight to fourteenth days; rubbed trituration on inside of thighs fourteen to sixteenth days; took drug internally nineteen to twenty-sixth days; took of solution (4 grains to ounce) twenty-ninth day; took 4 drachms of solution (equal to 2 grains of pure salt) thirtieth day, and continued the drug two days longer, ibid.; **9,** Dr. Walker took 3d dilution for a week, then 1 to 30 drops of strong solution, ibid.; **10,** J. Taylor took, five to six times a day, a few to 20 drops of the solution (5 grains to 1 ounce), ibid.;‡ **11,** H. Turner took doses of 1 to 6 drops of the same solution, ibid.;‡ **11** *a,* H. Turner, Jr., aged 4, took 2 to 4 drops of same solution, ibid.;‡ **12,** A. B., a woman, aged 23, took 20 to 40 drops of the solution several times daily for four days, ibid.; **13,** Mrs. F., aged 32, took doses of 1 to 6 drops of same solution, ibid.;‡ **14,** X. Y., a woman, aged 30, took doses of 10 to 60 drops of same solution for ten days, ibid.; **15,** Robert Bowers, aged 35, took 1st trituration for weeks for a chronic eruption, ibid.; **16,** J. W., a woman, aged 36, took 30 drops, ibid.; **17,** S. J., female,§ took 1 to 5 drops several times daily for several weeks, ibid.; **18,** "Ngt." took 45 drops of "1st dilution," ibid.; **19,** "——," took 4 doses of 1 grain on four successive days, ibid.; **20,** "K.," took 10 to 20 drops of "1st dilution" daily for ten days, ibid.; **21,** omitted; **22,** general effects on workers in "chrome works" (between sixty and seventy individuals), ibid.; (*Nos.* 23 *to* 36, *Austrian provings, Oest. Zeit. f. Hom.,* vol. 3); **23,** Arneth, took 100 drops of 12th cent. dilution (first day), 60 drops of 12th dilution A.M. and 60 of 10th dilution P.M. (second day), no symptoms, 60 drops of 7th dilution A.M. and 100 drops P.M. (third day), 100 drops of 7th dilution A.M. and P.M. (fourth day), same (fifth day), 100 drops of 3d dilution A.M. (sixth day), same P.M. (seventh day), same P.M. (tenth day), same A.M. (eleventh to fifteenth days),

† Subject to slight attacks in region of heart, particularly during warm weather.
‡ No symptoms recorded.
§ Affected with lepra vulgaris, but otherwise in good health.

100 drops of 2d dilution P.M. (seventeenth, eighteenth, and nineteenth days), 130 drops of 2d dilution (twentieth and twenty-first days), 15 drops of 5 grains to 1 ounce of solution (twenty-sixth and twenty-seventh days), 30 drops of same solution (thirty-fourth day); **24**, Kæstler, took daily a drop of 1st dilution; **24** *b*, same, took daily 2 grains of 2d trituration for about ten days; proving repeated after a week, and five days after last dose took 1 grain of 1st trituration; **24** *c*, same, took 10th dilution in various doses; **25**, Lackner, took daily for nine days 1 grain of 1st trituration, then for several days 2 grains of 2d trituration, afterwards 2 grains of 2d trituration, repeated fourth, eighth, and seventeenth days, afterwards 1 grain and 2 grains of 1st trituration repeatedly; **26**, Marenzetler, took 10 grains of 2d cent. trituration (first day), 20 grains (second day), 40 grains (third day), 5 grains of 1st cent. trituration evening (fourth day), 6 grains (sixth day), 7 grains (seventh day), 9 grains (seventeenth day), 10 grains (eighteenth day), 12 grains (twenty-second day), 15 grains (twenty-third day), 20 grains (thirty-first day); **27**, Dr. Mayerhofer, took 1 grain of 1st dec. trituration (first day), 2 grains (second day), 3 grains (fifth day); in a subsequent proving took 4, and afterwards 5 and 6 grains; **28**, Dr. Muller, took 1 grain of 1st trituration (first day), 2 grains (second day), 5 grains (sixth day); **29**, "N.," a lady, took 3 grains of 1st trituration (first day), 5 grains of 1st trituration (second day), 10 grains (sixth day); **29** *b*, same, subsequent proving, 10 drops of 3d dilution (first day); **30**, "K. K.," a lady, took 2 grains of 1st trituration (first day); **31**, Reisinger took 10 grains of 2d trituration (first day), 10 grains (second day), 20 grains (fourth and fifth days), 4 grains (seventh day), 5 grains of 1st trituration (ninth day), 10 grains (thirteenth day), 20 grains (sixteenth, twentieth, and twenty-second day); **31** *a*, same, took 15 grains of 1st trituration, a week after last proving; **31** *b*, same, took 80 drops of 1st dilution (first day), afterwards 50, and on a subsequent day 80 drops; **32**, Dr. Schlesinger, took 10 drops of a solution of 20 grains to an ounce (first, second, and third days), a small spoonful daily from five to nine days, after four days took 2 spoonfuls (first and third days), 3 spoonfuls (fourth, seventh, ninth, fourteenth, and sixteenth days), 4 spoonfuls (eighteenth day), afterwards took 1st dilution (50 drops of a solution of 5 grains to 1 ounce, diluted with 1 ounce of water), 1 teaspoonful (first day), 2 teaspoonfuls (sixth day); **33**, Dr. Schwarz, took repeated doses of 2d and 3d triturations, subsequently 1 drachm of 2d trituration, afterwards 1st trituration repeated; **34**, Wachtel, proving with 12th dilution, 3 ounces (first day); **35**, Zlatarovich, took 1st trituration, 1 grain (first, second, third, fourth, and fifth days), 3 grains (sixth day), 4 grains (seventh day), 5 grains (eighth day), 2 grains of 2d trituration (eleventh, thirteenth, fifteenth, sixteenth, seventeenth, nineteenth, twentieth, twenty-first, twenty-second, and twenty-third days), 2 grains of 1st trituration (twenty-fourth day), 2 grains of 2d trituration (twenty-fifth, twenty-sixth, twenty-seventh, twenty-ninth, and thirtieth days), 2 grains of 1st trituration (thirty-third to thirty-eighth day), 2 grains of 2d trituration (thirty-ninth to forty-first day), 4 grains (forty-second and forty-fifth days), 5 grains (forty-sixth and forty-seventh days), 7 grains (forty-eighth day), 10 grains (forty-ninth to fifty-first day), 15 grains (fifty-second, fifty-third, fifty-fifth, fifty-seventh, fifty-eighth, fifty-ninth, and sixty-first days), 20 grains (sixty-third day), 2 grains of 2d trituration (sixty-fourth day), 1 grain of 1st trituration (sixty-sixth day), 2 grains of 1st trituration (sixty-seventh day), 2 grains of fourth trituration (sixty-ninth day), 2 grains of 1st trituration (seventy-first, seventy-fifth, seventy-ninth, eighty-fourth, ninety-first, ninety-

third, ninety-ninth, one hundred and twelfth, one hundred and seventeenth, and one hundred and twenty-first days); **36**, Zoth, took various doses of 2 to 4 grains of 2d trituration; **36** *a*, same, took 1st trituration, 10 grains, afterwards 3 grains, 5 grains, and 6 grains; **37**, Berridge, N. Am. J. of Hom., 1875, p. 380, a lady, took 2 doses of "cm" (Fincke); **38**, same, Mr. ——, "a patient," took repeated doses of 200th (Leipzig); **39**, same, N. Y. J. of Hom., 1874, p. 460, Miss ——, "a patient," took 1 dose of "cm" (Fincke); **40**, Schelling, effects noticed from inhaling dust while triturating crude drug, A. H. Z., 83, 189; **41**, Dr. G. Oehme, effects noticed from pulverizing crude drug, Hahn. M., 11, p. 58; **42**, Schindler, poisoning of a dyer by a piece dissolved in water, Hygea, 2, 501; **43**, Dr. William Cumin, effects on two dyers and others from having arms immersed in the solution, etc., Edin. M. and S. J., 28, p. 309; **44**, Chevalier and Becourt, Annal. d'Hyg., 1863 (Br. and F. Med.-Chir. Rev., Oct. 1863), effects on workmen; **45**, Phila. Med. Times, 1875, p. 528 (Br. Med. J.), a photographer drank a strong solution; **46**, Dr. Wickens, West. Prov. Med. J., 1851, p. 700, a man swallowed a teaspoonful or less; **47**, Dr. Ogston, Br. and F. Med.-Chir. Rev., 1861, p. 351, a girl swallowed "a good piece;" **48**, same as 44; **49**, Br. J. of Hom., 11, p. 139, a man aged 34 took 3 doses, probably a third of a solution of one-quarter of an ounce in a pint of water; **50**, Dr. C. Alexander Gurnsey took inadvertently 1 to 1½ grain of the $\frac{1}{10}$th on tongue at midnight for slight sore throat, Am. Hom. Obs., 1868, p. 468; **51**, Dr. Nankivell; a lady, aged 76, took 1 or 2 drops of $\frac{1}{10}$th solution for hiccough, M. Hom. Rev., 14, p. 419; **52**, Cattell, Br. J. of Hom., 11, 351 (Guy's Hosp. Rep., 7, p. 217); **53**, Green, effects on workmen from exposure to dust, Bost. M. and S. J., Jan. 1874; **54**, Dr. Heathcote, Lancet, 1854, p. 152, effects on a workman; **55**, Schrader, Viertlj. Ger. and Off. Med., 1866, case of poisoning; **56**, Jaillard, Gaz. Med. de Strasburg, 1861, general effects of various doses; **57**, same, effects of increasing doses of .01 to .05 gramme in secondary syphilis; **58**, Dusterberg, same journal; a young man poisoned by bread and butter that had lain in the dust of the drug.

Mind.—Emotional. Very good-humored, and constantly inclined to laugh (first day),[34].—Low spirits (during dyspeptic attacks),[22].—Great melancholy in the evening (without physical cause),[25].—Very gloomy (thirty-eighth to forty-second day),[23]; (fifteenth day),[32].—Discouragement, amounting to ennui (fourth day),[26].—Anxiety, rising from the chest (third day),[29b].—Anthropophobia (fourth day),[26].—Ill-humor (eighth day),[26].—Great ill-humor and irritability (twenty-third day),[26].—[**10.**] Ill-humor; disinclination for the usual business (fourth day),[26].—Irritable humor (after first dose),[2]; (first day),[26]; (fifth day),[2].—Excessive irritability and ill-humor (sixth day),[26].—Irritable, peevish mood,[26].—Peevish mood,[26].—Complete indifference, with distress in the stomach (twenty-sixth day),[23].—***Intellectual.*** Disinclination for mental work (ninth day),[26].—Total aversion to all mental work after dinner (without physical indolence),[25].—Unable to attend to his usual business; he was obliged to rest, and after sleeping an hour felt relieved, though the ill-humor and intolerable feeling of distress and sickness remained (twenty-third day),[26].—(She found herself talking nonsense to herself, constantly repeating "Tulips and rhododendrons;" felt as if she was losing her reason, but was conscious of all that was going on all the time, lasting about an hour), (after one hour),[39].

Head.—Confusion and Vertigo. [**20.**] *Confusion of the head,*[1 25]; (tenth day),[35], etc.—Confusion of the head, especially in the

region of the forehead and vertex, about noon (seventh day),[35].—Confusion of the head, especially in the supraorbital region (after one hour),[31a].—Confusion of the head about 6 P.M., sudden, with nausea, anxiety, and dulness of mind; on account of this confusion of the head and anxiety the night was almost sleepless (first day),[29b].—Confusion in the right temporal region (twentieth day),[31].—"Maziness" in the head in the morning (during dyspeptic attacks),[22].—* *Vertigo*,[31b]; (in evening),[25]; (fourth day),[26].—Vertigo, going off in about six or eight hours (10, 20, and then 60 gtt. in the same day),[3].—Vertigo lasting a long time after the proving, and (on account of my decided tendency to an apoplectic attack) preventing further proving,[27].—Vertigo and nausea in the house, relieved in the open air (twenty-second day),[31a].—[**30.**] Vertigo on rising up in bed (the room seemed to whirl around); on lying down again it became still worse and was immediately associated with inclination to vomit; this attack lasted a quarter of an hour (thirty-second day),[26].—Vertigo on rising from his seat; everything appeared turning around, accompanied by pain in epigastrium,[22].—Vertigo, while sitting writing, so that the pen trembled in the hand (followed by violent vomiting), (immediately after 80 drops),[31b].—Frequent attacks of vertigo in the evening (second day),[27].—Paroxysms of vertigo every two hours, lasting for twelve hours (30 gtt., 1st dil.),[16].—Sudden attacks of vertigo (40 drops),[4].—Frequent, sudden attacks of vertigo while standing or walking,[27].—Transient vertigo (seventh day),[26].—Transient attacks of vertigo on waking in the morning (thirty-third day),[26].—Slight vertigo on moving head rapidly, lasting for several hours (after fourth dose),[2].—[**40.**] Vertigo, so violent from time to time that I suddenly reeled and feared that I should fall, for several days,[27].—Dizziness (one hundred and first day),[35].—Giddiness in the morning, relieved by tea, at 10 or 11 A.M., increased on stooping,[22].—***General Head.*** *Heaviness in head* (after vomiting),[12]; (third day),[29b].—Heaviness and giddiness on rising in morning, increased on stooping, relieved by walking about,[22].—Pain in the head,[59].—Heavy pain in head, on waking, at 5 A.M. (eighth day),[6].—Pain in various parts of the head, mostly in the temples, without symptoms of rush of blood, but more of the character of a nervous pain, after dinner (one hundred and twenty-first day),[35].—*Pain in the head, at a point,[8].—*Pain in head at sundry times, generally of one side, and at a point that may be covered with the finger (fifteenth day),[8].—[**50.**] Flying pains about the head,[1].—Headache,[24b].—Headache, pain from occiput to forehead (after discharge from nose stops),[22].—Headache, chiefly in frontal protuberance (after paroxysms of vertigo), (30 gtt. 1st dil.),[16].—A severe headache came on in the afternoon and increased gradually till dinner, after which (eaten with appetite) it was relieved, though not gone; next morning it was gone,[1].—The headache with which he woke in the morning was excessively aggravated by the drug, until nausea set in, and at last, after about an hour, vomiting followed, whereupon all symptoms disappeared (first day),[24a].—Violent headache, especially on the vertex, on waking in the morning; this disappeared after rising, but was followed by heaviness and a feeling as though I had not slept enough; later in the day the pain returned (sixtieth day),[35].—Violent headache over the whole head, especially in both parietal regions, lasting all day with short intervals of freedom from pain (twenty-second day),[26].—Very violent headache, with great prostration of the limbs,[31b].—Most violent headache, at times associated with vertigo, relieved in the afternoon after twice repeated bleeding of the nose,[24b].—[**60.**] Burning headache with vertigo, during which all objects seemed to be enveloped

in a yellow mist; this continued to increase until I took warm soup, when it was transiently relieved (first day),[31b].—Fulness and heaviness of whole head, particularly the vertex (third day),[6].—Feeling of fulness in the head with frequent transient vertigo,[27].—Feeling as though the bones of the skull would separate; as though the brain were too large for the skull and the bones were forced asunder; I could not call this sensation a pain; but it was very distressing and especially affected the temporal bones towards the ears and the parietal bones; the external meatus, especially of the left side, was also sensitive and stopped (fifty-sixth day),[35].—Rush of blood to the head (second day),[26].—Dull headache in the evening,[25].—Drawing in the bones of the head (fifteenth day),[35].—Pressive pain in the head (seventy-first day),[35]; towards noon (eighteenth day),[26].—Violent pressive pain, especially in the forehead, after dinner,[25].—Violent pressive pain in the whole circumference of the skull, on waking in the morning,[25].—[**70.**] Pressive headache,[25 26].—Pressive headache over the whole head, especially in both parietal regions, extending towards the temples (seventeenth day),[26].—Pressive headache, especially in the forehead and occiput, on waking in the morning,[25].—Pressive headache in the evening, followed by a feeling as if the nose were stopped, with great heat of the air coming through it, after two hours bleeding of the nose, preceded by burning in the eyes and great sleepiness,[25].—Pressive headache, with transient though violent stitches, now in the vertex, now in the temples or in the occiput (twenty-third day),[26].—Pressive headache, with nausea (thirty-third day),[26].—Dull pressive headache over the whole head (fourth day); returns towards noon (fifth day),[26].—Headache came on in the morning (immediately after taking a new dose), consisting of pressive pains in the eyes and accompanied by violent tearing in the ears; as the headache subsided there remained a slight pain, mostly in the frontal region, at times associated with ringing and pain in the ears,[24b].—Weight in the head,[22].—Shooting pains generally in one temple,[1].—[**80.**] Tearing, sticking headache over the whole head, especially in the right temporal and occipital regions (seventh day),[26].—Stitches through the cranial bones, as if a sharp needle were suddenly thrust through them (one hundred and eighth day),[35].—Violent stitches in the head, with chilliness, continuing for about three weeks,[55].—Pressive tearing headache over the whole head, especially violent in the forehead and occiput, with short but violent stitches in the temples, which constantly recur in the same spot (sixth day),[26].—Slight sensitiveness of the cranial bones, here and there (thirty-fifth day),[35].—General throbbing (in the head) on bending forwards (third day),[6].—Headache; extremely violent, pressive throbbing over the whole head, with a violent sticking pain in a circumscribed spot near the crown; touching the hair at this spot was extremely painful; as the headache increased in violence there were frequent attacks of nausea (thirty-second day),[26].—***Forehead.*** Lightness across the forehead on stooping, chiefly in the morning,[22].—Heaviness across forehead,[22].—The forehead seems hotter than the cheeks,[25].—[**90.**] Pain in the forehead (twenty-second day),[31].—Pain in the forehead (soon),[31a]; (twenty-second day),[31].—Pain in the left side of the forehead lasting for an hour with great violence, on waking in the morning (one hundred and thirty-third day),[35].—Pain in the forehead, with pressure upon the eyes, though after sleeping half an hour the headache entirely disappeared, and in other respects I felt very well; in the evening (one hundred and twenty-first day),[35].—Pain in the region of the forehead and vertex, on waking in the morning; after rising it changed to the occiput (tenth day),[35].—Pain in the frontal bone, in the

arch of the left orbit and extending to the upper jaw of the same side, when it caused increased flow of saliva (sixth day),[32].—Pain in the frontal bone, repeated every morning whether he took the medicine or not,[32].—The pain in the frontal bone, which lasted during the most of the proving, became gradually less and appeared later and later each day; during the later days a second paroxysm of the same pain occurred in the evening, which was of equal severity but of shorter duration than the one in the afternoon; this also regularly postponed in time till it disappeared,[32].—Slight pain in right side of forehead, in evening (ninth day),[6].—Frontal and occipital headache (third and sixth days),[8].—[**100.**] Frontal headache, preventing sleep (three hours after 15 drops, third day),[5].—On stooping, frontal headache, as after a debauch,[22].—Dull, heavy pain in forehead, on the right protuberance (eighth day),[6].—Pressive pain in the frontal region, which even extends into the eye (usually coming on about an hour after a new dose),[24b].—Pressive pain in the forehead, which disappears in an hour and gives place to a constrictive pain in the vertex (thirty-fourth day),[35].—Pressive pain in the forehead, after dinner (thirty-fourth day),[35].—Pressive pain in the left frontal sinus, nearly the whole forenoon, like that which accompanies or forebodes catarrh,[32].—Soon after rising in the morning, a darting pain in a small spot over the left eye, spreading over the forehead, but still remaining worst at the original spot, worse on motion,[17].—Transitory darting pain in the forehead, aggravated in the open air (after 1st dose),[2].—Slight shooting pain in the forehead (third day),[2].—[**110.**] Transient shooting pains in temples, worse on lying down; this lasted some hours (after vomiting),[12].—Violent shooting headache across the forehead and in the temples, whilst walking, relieved by rest (fifth day),[2].—A sharp stitch in the forehead above the right eye, in the evening (one hundred and thirteenth day),[35].—Frequent throbbing headache, at the angles of the forehead, in a small spot, accompanied with dimness of sight,[22].—***Temples.*** Transient heavy pains in right temple immediately after eating; frequently recurring in afternoon, accompanied by an uneasy craving sensation in stomach,[1].—Obtuse heavy pain occasionally in the temple, aggravated by cold air and motion (one hour after second dose),[2].—Headache, chiefly in temples, with uneasiness in stomach and dimness of sight.[12a].—Tension in the temporal muscles (thirty-fourth day),[35].—A feeling of compression from both temples, in the evening (sixty-third day),[35].—Creeping pinching in the temporal bones, in the forenoon (one hundred and twenty-first day),[35].—[**120.**] Drawing in the temporal region, and in the articulation of the lower jaw (ninety-first day),[35].—Drawing pain in the right temple (one hundred and thirteenth day),[35].—Dull painful sensation like a pressure in the right and left temporal regions, from time to time during the day (twenty-second day),[26].—Violent pressive pain in the left temporal bone, extending to the vertex, in frequent daily attacks, accompanied by nausea and inclination to vomit; the headache at first appeared only in the afternoon after 4 o'clock; after four days it occurred in the morning (eleventh to fourteenth day),[29a].—Darting pain in left temple (fourth day),[2].—Pressive darting pains in both temples, for an hour (after fourth dose),[2].—Darting sharp pains in temples (one hour and a half after fourth dose),[2].—Tearing in the left temple, soon after a new dose,[25].—Tearing and sticking in both temples,[25].—Violent tearing from time to time, extending from the temporal region to the occiput of either side (fourth day),[26].—***Vertex.*** [**130.**] Pain in the vertex (twentieth day),[35].—Contractive headache in the region of the vertex, towards noon (forty-ninth day),[35].—Pressure on the vertex (one hundred and thirty-

sixth day); at noon (one hundred and thirty-third day),[35].—Pressure in the vertex as if a weight were lying upon it, at 11 A.M. (twenty-first day),[35].—Great pressure as from a weight on the vertex (ninety-eighth day),[35].—Heavy pressive pain in vertex, going off in about six or eight hours (10, 20, and then 60 gtt. in the same day),[3].—***Parietals.*** Seized with violent pain in left parietal region above and behind the temple in a spot the size of a crown-piece; the pain was felt chiefly at night and subsided during the day, and came on violently again at the same hour in the evening about sunset; a swelling soon formed at the seat of the pain; it grew worse in the night, and went down a little in the day; in a week it got to its height, and was then about the size of an egg; it was then quite hard and not sore to the touch; the pain was confined to the lump, and was of a stabbing character, and as if the head were opening; it lasted in all about two months, and then the pains and swelling gradually went away without any suppuration or softening,[22].—Pressive headache in the whole right side of the head, chiefly violent in the occipital region of the same side, accompanied by transient but violent stitches (after three hours),[26].—Pains darting or aching in one side of the head,[1].—Violent cutting along the right parietal bone (fourth day),[28].—[**140.**] Lancinating pains in the right side of the head in several attacks, which last only a short time (seventeenth day),[35].—Sticking in the right side of the head and whole occipital region (second day),[26].—Transient stitches in the right side of the head, extending into the ear and corresponding side of the face (twenty-sixth to thirtieth day),[26].—Pulsative pain in left parietal bone (third day),[2].—***Occiput.*** Pressure in the occiput, in the forenoon (sixty-ninth day),[35].—Biting in the occiput (ninety-first day),[35].—***External Head.*** Several inflamed pimples on the occiput and hairy portion of the nape (eighty-third day),[35].—Falling out of the hair (twenty-second day),[26].—Tension of the whole scalp (one hundred and twenty-first day),[35].—Crawling contraction of the whole scalp (seventh day),[35].—[**150.**] Drawing externally in the left temple, seeming to be in the aponeurosis of the muscle (fifteenth day),[35].—Slight pressure externally on the vertex (fifty-eighth day),[35].—Tearing and drawing in the right temporal muscle,[25].—Sore pain with bristling of the hair on the crown (second day),[28].—Itching and burning over the whole scalp; so that I was constantly obliged to scratch; also several small pimples in various places on the head (eighty-eighth day),[35].—Several itching points on the scalp, towards the nape of the neck (seventy-sixth day),[35].

Eye.—Objective. Eyes glistening, sunken, with dark rings about them (third day),[29b].—Several bright red spots and streaks in the white of the left eye, which change their form and place after a time and disappear in a few days (four days after last dose),[36].—White of eyes became yellow, some hours before death,[42].—White of the eye dirty yellow, discolored, congested, dotted here and there with yellowish-brown spots, of the size of a pin's head, especially in the left eye, which also showed a pale brown spot near the inner margin of the cornea, which looked like a resolving ecchymosis; the eyes were hot and he was frequently obliged to rub them (seventh day),[28].—[**160.**] **Inflammation of the eyes* (in some cases),[43].—**Inflammation of the eyes, with yellow discharge and agglutination, in the morning,*[22].—Violent inflammation and loss of vision (from the solution of chrome getting into the eye),[22].—**Eyes inflamed, with adherence of lids in the morning, and yellow discharge,*[22].—Ophthalmia; it commenced with itching for several days, followed by pain and heat in the eyes, and agglutination of the lids; the conjunctiva was red,[22].—Leucoma on left cornea,[22].—

Pustule on left cornea, with surrounding indolent inflammation,* attended with pricking pain,[22].—Eyes swelled up and heavy in morning,[22].—Eyes sunken,[52].—Accumulation of mucus in the canthi (one hundred and thirty-fourth day),[35].—*Subjective.*** [170.] Burning in the eyes, in the evening,[25].—**Itching and burning in both eyes, lachrymation and photophobia* (twenty-second day),[26].—Pains in the eyes for the first fortnight,[22].—Heaviness and soreness of the eyes,[22].—Obtuse heavy pain above the eyes, aggravated by cold air and motion (first hour after second dose),[2].—Dull, heavy pain over the left eye, in the afternoon (second day),[5].—**Heat in the eyes*,[22]. —**Heat and pressure in the eyes* (ninth day),[35].—**Burning in the eyes*,[25 35].—Burning in the eyes and margins of the lids (one hundred and twenty-first day),[35].—[180.] Burning in the eyes, face, and upper part of the body, glowing as from an internal heat, though there was at the same time internally a violent sensation of chilliness, which lasted through the afternoon nap (soon after 80 drops, first day),[31b].—Burning in the eyes, in the morning, with some redness of the left eye towards the outer canthus (one hundred and twenty-third day),[35].—Burning in the eyes, especially in the margins of the lids, in the morning on waking (one hundred and thirty-seventh day),[35].—Burning in the eyes, after rising in the morning; smoking especially caused burning and lachrymation, which was not usually the case (forty-second day),[35].—On fixing the eyes on an object they became hot and began to burn and the vision vanished, so that objects seemed dim and undefined (ninth day),[28].—Burning in the eyes and lids, after dinner (eighty-second day),[35].—Burning of the eyes, with running of water from the nose, though on waking the nose was quite dry (seventy-ninth day),[35].—Burning in the eyes, with a disagreeable sensation in the nose, which cannot be described; although I am accustomed to smoke, yet every inspiration through the nose caused a very sickening sensation like sulphuretted hydrogen (ninety-fifth day),[35].—Burning and pressure in the eyes (thirty-fourth day),[35].—Burning and biting in the eyes,[25].—[190.] Burning in the left eye,[25].—Burning in the right eye and inner surface of the upper lid, after dinner (eighty-seventh day),[35].—Burning in the inner canthus of the right eye on waking, soon afterwards extending over the whole margin of the lower lid, aggravated by writing, disappearing after ceasing to write,[25]. —A burning spot as large as the head of a pin in the albuginea of the right eye, not far from the outer margin of the cornea (fifty-ninth day),[35].—Great burning in the eyes, especially in the margins of the lids, which are also sensitive on motion and touch, in the evening (sixty-third day),[35].—Great burning and pressure in the eyes, in the open air, in the evening,[35].—Violent burning in the eyes, in the evening (twenty-sixth day),[35].—Violent burning in the left eye, in the evening, with lachrymation (one hundred and thirty-fifth day),[35].—Violent burning and a sensation of increased warmth in the right eye, towards evening; also burning in the skin about the eye, by paroxysms (fifty-ninth day),[35].—Burning pain in external angle of left eye (after fourth dose),[2].—[200.] The eyes ache constantly, with pressure in them, especially if she looks long at any object, when her vision completely disappears, so that after looking for a few moments at anything she is obliged to close the eyes and let them rest, though there is no change in the appearance of the eyes (fifth day),[30].—Pressure and burning in the eyes, a sensation as if sharp sand were in them (fifty-ninth day),[35].—Pressive pain in right eye (fifth day),[2].—Biting and lachrymation frequently returned after the proving,[26].—Sensitiveness of the eyes,[35].—Sensitiveness of the eyes; the margins of the lids are red; a yellow purulent substance

had collected over night in the inner canthus (ninety-sixth day),[35].—Eyes tender,[22].—Smarting in eyes, worse in open air (after first dose),[2].—Smarting and watering of the eyes (fourth day),[2].—Smarting of the external canthus,[1].—[210.] Itching in both eyes, obliging him to rub them (third day),[26].—Itching and biting in the eyes, lasting the whole day (twenty-fourth day),[26].—Itching and pain in eyes like sand in them, worse in the evening and night (second week),[22].—Itching and lachrymation of the eyes (thirty-third day),[26].—Itching in the canthi,[28].—Violent itching in both eyes, so that he was obliged to rub them, with lachrymation at noon (seventeenth day),[26].—Transient but violent stitches in quick succession in the right eye (third day),[26].—***Orbit.*** Pressure about the orbits, lasting an hour (one hundred and thirtieth day),[35].—**Violent shooting pains from the root of the nose along the left orbital arch to the external angle of the eye exactly, with dimness of sight like a scale on the eye;* begins in the morning and increases till noon, goes away towards the evening; lasted three weeks,[15].—***Lids.*** Redness and swelling of the upper eyelids (after merely passing through the works during the boiling),[22].—[220.] Redness of the margins of the lids, towards the external canthi (one hundredth day),[35].—**Margins of the lids very red,* the conjunctiva of the lids and balls red (twenty-fourth day),[26].—Eyelids inflamed and much swollen,[22].—Slight (œdematous) swelling of both right lids, in the morning on waking, lasting till evening,[25].—Eyelids slightly granular,[22].—Agglutination of the eyes, on waking in morning,[26 35].—Agglutination of the lids, in the morning on waking, the white of the eye was reddish-yellow, with much itching and rubbing in the eyes; the eyes were weak and drawn back in their orbits (fourth day),[30].—Eyes agglutinated in the morning and very sensitive to sunlight (twenty-fourth day),[26].—Eyes agglutinated in the morning, with lachrymation and photophobia, with itching and burning in the eyes (twenty-fifth day),[26].—Eyes agglutinated on waking in the morning; after opening them there was considerable and persistent lachrymation (eighteenth day),[26].—[230.] Twitching and jerking in the right eyelid while reading, and for a short time afterwards,[25].—Dry mucus in the eyelashes, in the morning (ninety-ninth day),[35].—Dryness of the lids (sixth day),[28].—Dryness and burning in the lids, in the morning (twenty-eighth day),[35].—Roughness in the margins of the lids, so that when winking it caused a rubbing sensation against the eyeball (twenty-first day),[35].—The inner surface of the lids felt thickened and rough (thirty-seventh day),[35].—Heaviness of the upper lids, on waking in the morning, so that they must be raised by force, disappearing after half an hour (sixty-fifth day),[35].—Burning in the lids (forty-seventh day),[25].—Burning in the margins of the lids,[35].—Burning in the margins of the lids, in the morning,[35].—[240.] Burning in the margins of the lids, immediately after rising, in the morning,[35].—Burning in the margins of the lids, in the afternoon (twenty-eighth day),[35].—Burning in the margins of the lids, especially towards the external canthus (fifty-fifth day),[35].—Burning in the margins of the lids, with frequent running of water from the nose, in the evening (one hundred and seventh day),[35].—Burning in the margins of both lower lids, aggravated by writing,[25].—Burning on the inner surface of the eyelids,[35].—Violent burning in the lids and surface of the eyeball; this continued more or less severely during the whole day, with pressure in both eyeballs (one hundred and thirty-seventh day),[35].—Violent burning in the margins of the lids, at noon (thirty-eighth day),[35].—Burning pain in the margin of the right lower lid (one hundred and tenth day),[35].—Eyelids painful to touch, with agglutination of the eyes, in the morning,

and lachrymation (nineteenth day),[26].—[250.] Feeling of rawness in the margins of the lids (one hundred and third day),[35].—Quite violent itching and burning in the margins of the lids, which even seemed to be raw, so that on moving them there was a sensation as though they rubbed against the eyeball, in the forenoon (one hundredth day),[35].—***Conjunctiva.*** **Redness of conjunctiva with lachrymation,*[22].—Redness of the conjunctiva, with heat and an uneasy sensation as when opened under water,[1].—Slight redness of the whole conjunctiva (sixth day),[28].—Injection of the vessels of the conjunctiva of both eyes, especially of the right (one hundred and eleventh day),[35].—**Conjunctiva oculi injected,*[22].—**Conjunctiva both of bulb and lids injected* (second week),[22].—**Appearance of small white pustules in the conjunctiva* of left eye towards the inner canthus; these "pustules" are small white granular elevations surrounded with a good deal of redness,[22].—***Lachrymal Apparatus.*** Moisture in the eyes (seventh day),[28].—[260.] Eyes water,[22].—The usual running of the eyes and nose from exposure to the open air when the least cold,[22].—Increased secretion of tears (after five or six days),[48].—**Lachrymation,*[22].—Lachrymation in the morning, at home,[22].—**Lachrymation, with burning pain in the eyes* (first day),[31a].—Lachrymation, itching, and burning in the eyes, especially on the margins of the upper lids; the conjunctiva of the ball and lid was red and injected with large red vessels; in the left eye, which was affected more than the right, during the whole proving, there was a sensation for a quarter of an hour as though something had got into it, which gradually disappeared (thirty-second day),[26].—Profuse lachrymation of both eyes, with transient stitches in the lids; the conjunctiva of the lids is much redder than usual, with several injected vessels of the conjunctiva of the balls (sixth day),[26].—Soreness in the caruncula (fifth day),[2].—***Ball.*** Violent burning and pressure on the surface of the right eyeball, in the forenoon (ninety-ninth day),[35].—[270.] Pressive pain in the right eyeball (first day),[34].—Pressive pain in left eyeball (after fourth dose),[3].—Eyeballs tender when rubbed, especially left,[38].—***Pupil.*** Pupils dilated,[45].—Pupils dilated. and fixed,[52].—***Vision.*** Eyesight weak,[22]; as if obscured (sixth day),[28].—Amaurotic weakness of vision (ninth day),[28].—Dimness of vision (eighth day),[28]; in evening in walking,[22].—Sight confused and dim,[22].—A sudden feeling as though a black plate were placed before both eyes at the distance of about ten paces, so that I was unable to recognize any object at that distance; as I was looking through a closed window I thought that might be the cause of the difficulty, but on turning around and speaking with a person standing about two paces from me, I was unable to recognize him, the vision was so obscured; this lasted about ten minutes, when the obscuration gave way to a sensation as though a veil were hanging before the eyes and were drawn upwards and downwards; this, however, soon disappeared and the former condition returned; I washed the eyes in cool water, hoping thereby to find relief, especially as the eyes had already begun to be painful, but it was of no avail; it lasted about a quarter of an hour, when the obscuration disappeared and a kind of vertigo set in (quite similar to that which follows too large an amount of alcoholic stimulants); this lasted two or three minutes, when it disappeared, giving place to a violent headache, especially in the frontal and orbital regions, at times associated with sticking pains in the eyes and tearing in the ears; the whole attack lasted till 9 P.M. (after six daily doses),[24b].—[280.] *Photophobia (eighteenth day); with lachrymation and itching in the eyes, and redness and burning in the margins of the lids (twenty-third day); increasing in

the afternoon to such a degree that he was only able to open the eyes and endure the sunlight, with twisting and jerking of the lids, associated with profuse lachrymation and burning in the eyes; this excessive photophobia disappeared towards evening, and the eyes became quite insensible to the light (twenty-fourth day),[26].—Sees the point of pen double, one point by the side of the other,[38].—Great flickering before the eyes, at noon; vision of spots, sparks and colors, so that I was scarcely able to write; disappearing after half an hour, at noon (ninety-eighth day),[35].

Ear.—Objective. Slightly inflamed swelling at the entrance of the left meatus auditorius, which was more annoying than painful, and gradually disappeared (after four days),[36].—***Subjective.*** Stoppage of the right ear, and burning in the concha (fifty-seventh day),[35].—Earache in evening (sixth day),[8].—Drawing behind the right ear (sixth day),[35].—Drawing behind the left ear and on the left side of the lower jaw; motion of the head is not quite free; the cervical muscles of the left side seem to be tense (twenty-third day),[35].—A slow stitch like a drawing through the external meatus of the right ear; followed later by roaring in the whole of the head, as if a dull noise at a distance was heard (eighty-fourth day),[35].—Pressure in the right ear in the evening (one hundred and sixth day),[35]. [290.] Pressing-out feeling in the left mastoid process (second day),[28].—Sticking in the ears,[24c].—Stitches in the ear (one hundred and ninth day),[35].—Stitches in the left ear and outer portion of the neck, on the left side (thirty-second day),[26].—Stitches in the left ear and parotid gland (twenty-fifth day),[26].—Stitches within the right ear, in the forenoon (sixty-first day),[35].—Transient acute stitch in the right ear (ninety-seventh day),[35].—Some transient but violent stitches in the left ear (nineteenth day),[26].—Violent stitches in the left ear, extending into the palate and the same side of the head and outer cervical region, which latter was also painful to touch, and glands swollen (thirty-first day),[26].—Dull stitches through the external meatus, extending into the right ear, twice repeated, in the afternoon, while walking (one hundred and seventh day),[35].—[300.] Tearing pain in the ears,[24b].—***Hearing.*** Singing in the ears,[22].—Roaring in the head,[35].—Roaring and ringing in the ears,[24b].—Roaring in the ears, lasting for two hours, soon; after the third dose on the second day roaring in the ears reappeared, and lasted without intermission the whole of that day and the succeeding one,[36a].

Nose.—Objective. Swelling and pain of the nose,[22].—Swelling of both alæ of the nose,[22].—A scab in the left nostril, which on removal bled, immediately formed again and bled on every removal, without marked pain; it healed only after four days; on the second day after a new dose the same place began to bleed, and then only healed after fourteen days,[27]. **The whole membrane of the septum dotted with minute ulcerations* (one case),[53].—**A large and deep ulceration on the septum, without perforation* (one case),[53].—[310.] *Septum narium completely ulcerated away,[22].—*Entire cartilaginous septum destroyed, and the whole nasal mucous membrane in a state of purulent inflammation; the disease had been mistaken for syphilis (one case),[53].—Violent pricking in the nose and irresistible sneezing; in time the membrane begins to be thrown off, and portions of it are carried into the handkerchief used in blowing the nose; this process goes on, when once started, so rapidly, that after a period of six or eight days the septum becomes thin, permeated with openings, and is ultimately detached altogether; this process of ulceration occurs in every workman, excepting those who take snuff,[44].—Fine particles entering the nose cause extreme irritation

and incessant sneezing (after five or six days); some portions of the mucous membrane covering the septum become detached, and are found in the handkerchief, and after six or eight days the septum itself becomes thin, and at last is destroyed; a hole is formed, and as soon as this is the case, all symptoms cease,[48].—* *Clinkers form in the course of a few days, and can then be easily detached; but if pulled away too soon, it causes soreness at root of nose, and intolerance of light,*[22].—***Formation of plug in nostrils** (called by the workmen clinkers, to a great extent),[22].—Sneezing,[22]; on lying down in bed (fifth day),[2].—Sneezing, with lachrymation of right eye,[22].—Sneezing, with a sensation of pressure in the upper part of the larynx, which extends through the choanæ into the nose (after half an hour, first day),[29b].—Sneezing a few times (sixty-third day),[35].—[**320.**] Sneezing as many as ten times in succession, in the morning (eleventh day),[35].—Sneezing repeatedly (soon),[34]; after eating (first day),[29b].—**Frequent sneezing,*[22 25]; in the morning (sixth day),[2].—Frequent sneezing, without increased secretion of mucus (twentieth day),[31].—Frequent sneezing, as in incipient catarrh, also accompanied by a violent stitch in the upper part of the right lung,[27].—The usual excessive sneezing,[22].—Frequent excessive attacks of sneezing,[25].—Violent sneezing, twice in succession (one hundred and twenty-first day),[35].—Violent sneezing several times after dinner (one hundred and forty-first day),[35].—Violent sneezing in frequent paroxysms (third day),[29b].—[**330.**] Sneezing racks the whole body (first day),[29b].—Running at the nose,[22].—Increased secretion from the nose, after dinner, with sore pain on the margin of the nostril (fifty-ninth day),[35].—*Discharge from nose,*[22]; in the evening (20 drops, second day),[5].—Discharge, with swelling of the nose,[22].—Much discharge from both nostrils (eighty-fourth day),[35].—Moist discharge from the lower portion of the nose (twenty-ninth day),[35].—More moisture than usual from the nose, as though coryza were imminent (third day),[26].—Discharge of much moisture from the nose,[35].—Frequent discharge of moisture from the right nostril,[35].—[**340.**] Frequent discharge of acrid corrosive moisture from the right nostril (seventy-fifth day),[35].—Discharge of thin matter from the nose (thirty to thirty-fifth day),[23].—Much thin discharge from both nostrils (eighty-ninth day),[35].—Thin discharge from the right nostril (eighty-seventh day),[35].—Thin acrid discharge from the nose (seventy-seventh day),[35].—Watery discharge, with redness of nose, and a fetid smell from it,[22].—Watery discharge from the nose,[26].—Watery discharge from nose, with soreness, much sneezing, snuffling in speaking,[22].—Discharge of water from the nose, causing burning of the upper lip, in the morning; this discharge continued in the evening, but then caused no burning of the lip (seventy-eighth day),[35].—Frequent discharge of water from the nose, without any painful sensation; afterwards repeated, but then it caused a corrosive pain on the outer cutaneous margin of the septum of the nose (seventy-third day),[35].—[**350.**] Discharge of water from both nostrils,[35]; (seventeenth day),[26].—Watery discharge from both nostrils, with tickling and itching (twenty-second day),[26].—Frequent unnoticed discharge of water from the right nostril (seventy-seventh day),[35].—Running of water from the right nostril,[35].—Running of water from the right nostril; after awhile the nose became quite dry (one hundred and fifth day),[35].—Frequent running of water from the nose, towards noon (one hundred and fifth day),[35].—Constant running of water from the right nostril, which causes burning on the margin of the nostril and on the upper lip (eighty-second day),[35].—Constant running of water from the left nostril; this is a very remarkable symptom, for it had never occurred in health; besides I have no other symptoms of catarrh, and

the water comes so suddenly and without any previous sensation that I am only aware of it when it runs over the lip (eighty-first day),[35].—Increased secretion of mucus in the nose (fifth day),[26].—Frequent blowing of mucus from the nose, afterwards running of water from the nose (forty-seventh day),[35].—[360.] **Nose constantly full of thick mucus* (fourteenth day),[23].—Great discharge of thick clear mucus from the nose,[22].—**Scanty, acrid mucus was discharged from the nose, causing burning on the septum of the nose* (thirty-sixth day),[35].—(Catarrh, which after twenty-four hours was accompanied by cough), (fifth day after last dose),[36a].—Almost all had more or less purulent nasal catarrh,[53].—Coryza, which continues (almost immediately),[22].—Fluent coryza (especially when at the chrome house and in the open air, going off when at home),[22].—Fluent coryza, almost solely in the right nostril (thirty-sixth day); very profuse (thirty-seventh day); when a spot on the right lachrymal bone becomes swollen, pulsates, and is painful; the next day the whole right side of the nose sore, which is even worse (thirty-seventh day),[23].—Constant fluent coryza,[22].—Bleeding of the nose after getting up in the morning, when washing himself,[22].—[370.] Frequent bleeding at the nose, which returned at intervals for a year (first week),[22].—Profuse bleeding of the nose (about 4 ounces); some time afterwards transient burning in the eyes,[25].—Sudden profuse bleeding of the nose during dinner, soon disappearing but returning slightly in the evening,[25].—Bleeding from the right nostril woke him in the morning (sixth day),[32].—Bleeding from the right nostril, during the forenoon after moderate exertion (eighty-sixth day),[35].—Bleeding from the right nostril woke him from sleep at night; it was difficult to stop (fifth night),[32].—Bleeding from the right nostril, immediately after eating; the blood was thick, dark-red, and when it stopped flowing there was a tickling in the nose extending into the throat (fourth day),[29b].—A few (ten to twelve) drops of bright red blood from the right nostril, after a glass of beer before supper, in the evening (ninth day),[32].—Frequently bleeding from the right nostril (thirtieth to thirty-fifth day),[23].—The nasal hæmorrhage came always from the left nostril,[25].—[380.] Nosebleed towards noon,[25].—Nosebleed twice during the evening, preceded by burning in the eyes,[25].—Nosebleed after eating,[25].—Frequent attacks of nosebleed (thirty-sixth day),[23].—Epistaxis, which continues (almost immediately),[22].—Blowing of thin blood into the mouth (third day),[29b].—***Subjective.*** *Dryness of the nose,[35].—**Dryness towards the root of the nose, extending into the frontal sinuses* (twenty-ninth day),[35].—Dryness and burning in the right nostril, after rising in the morning (fifty-ninth day),[35].—Feeling of dryness in the nose, especially in the right nostril, although some moisture is discharged from the nose during the forenoon (twenty-ninth day),[35].—[390.] Nose quite dry, on waking in the morning; after being up awhile much moisture was again discharged from both nostrils (eighty-third day),[35].—Nose very dry; air passed through it very easily (sixty-sixth day),[35].—Nose very dry, with painful tension in both wings and septum of the nose (one hundred and twenty-second day),[35].—*Nose very dry, with a feeling of pressure in the nasal bones (sixty-eighth day),[35].—**Great dryness of the nose* (fifty-second day),[35].—Very great dryness of the nose, on waking in the morning (forty-second day),[35].—Excessive dryness of the mucous membrane of the nose since yesterday afternoon; the nasal cavities dilated and the air streamed easily through the nose (one hundred and twenty-sixth day),[35].—Special dryness of the nose, in the evening (one hundred and thirteenth day),[35].—Disagreeable dryness of the nose,[35].—Distressing dryness, with sore pain in the right

nostril (forty-fourth day),[35].—[**400.**] After dinner, cough accidentally forced some black coffee into the nose, which caused an excessively disagreeable sensation, so that for several hours there was a distressing dryness and pain in the nose (one hundred and first day),[35].—Frequent stoppage of the nostrils (thirtieth to thirty-fifth day),[23].—Obstruction of the nose, in the morning on waking,[22].—Obstruction of the left nostril, in the morning on rising, with discharge of thick yellow mucus (fourth and sixth days),[2].—Frequent need to blow the nose, though there was nothing in it, after dinner (one hundred and third day),[35].—Unpleasant sensation in my nose, as if water had been drawn up violently; it grew gradually worse, and lasted about forty-eight hours; on the third, fourth, and fifth days, I had to blow my nose more frequently than usual, about ten or twelve times a day, and discharged each time natural-looking mucus, *considerably streaked with light-colored blood;* (I *never* had nosebleed in my life); after this, for several days, a sensation in the middle of the left ala nasi as if there was a very dry spot, or as if it was denuded of the mucous membrane,[41].—Pains in the nose (with discharge, etc.),[22].—Burning in the nose, especially in the right nostril, extending to the frontal sinuses; the mucous membrane was quite dry, with a feeling of soreness (fifty-ninth day),[35].—Burning in the nose and upper lip, but no discharge from the nose, in the forenoon (one hundred and thirty-seventh day),[35].—Burning and pressure in the nose (one hundred and thirty-sixth day),[35].—[**410.**] Burning of the side of the nose near the upper lip (one hundred and twenty-first day),[35].—Burning in the right nostril aggravated by touch, after dinner (one hundred and twelfth day),[35].—Burning in the right nostril followed by trickling of bright blood from it (third day),[29b].—Burning in the outer margin of the right nostril, in the evening (sixty-third day),[35].—Burning in the outer margin of the septum of the nose, as if it were sore, with much thin discharge from the nostrils (ninety-third day),[35].—Feeling of coldness in the right nostril on drawing in the air (twenty-third day),[26].—Nose full and loaded as if going to discharge abundantly, on waking in the morning (thirty-first day),[8].—**A disagreeable sensation in the nose, as if it were swollen, the mucous membrane dry; the walls of the nose feel stiff and velvety,*[35].—Dull pain in the nasal bones,[35].—**Burrowing and beating inside the root of the nose* (in the ethmoid bone?), *therewith in the corresponding portion of the nose there were externally felt heat and a distinct throbbing rhythmical with the pulse; the nose became swollen at the root and hot without being red; the nose itself seemed thick and full, and she spoke "through it;" was frequently inclined to blow the nose on account of a sensation as of a thick substance in it, but nothing was expelled; the nose remained dry; it felt as heavy as if a weight were hanging from it* (first day),[29b].—[**420.**] Tensive drawing pain extending from the right nostril into the right external meatus (fifty-ninth day),[35].—Distressing twitching and crawling like formication, beginning in the left wing and extending over the side of the nose to the eyelids, where it caused violent twitching (twenty-third day),[26].—***Pressure in the root of the nose,**[35].—Pressure in the nasal bones, in the morning (one hundred and thirty-seventh day),[35].—Pressure in the right nasal bone (forty-second day),[35].—**Dryness of the nose is accompanied* with a **pressive sensation in the root of the nose,** *as in the commencement of stopped catarrh; this pressive pain extended to the temples and affected the head,*[31b].—***Pressive pain in the root of the nose** (twentieth day),[21].—Pressive pain on the right nasal bone (one hundred and thirty-seventh day),[35].—Pressive and smarting pain in the margins of the nostrils; the part feels swollen, though there is nothing

unusual to be seen in the nose (one hundred and tenth day),[35].—**On blowing nose, violent sticking in right side of nose, as though two loose bones rubbed against each other;* this pain in nose on blowing continued (thirty-ninth day), with frequent violent sticking pains; *there were frequently discharged greenish-colored masses of an offensive odor; every portion which passed through the posterior nares had a very disagreeable taste;* on the seventh day the pain in the nose, both when blowing and when not blowing it, continues as violent as yesterday; on the eighth day, the feeling as though the bones rubbed against each other ceased; *the right nostril was still filled with hard masses; small ulcers on the external borders of the nostrils continued;* the ulcers on the right side had not entirely healed before they also appeared in the left nostril, where they burned still more than in the right; at last the tip of the nose, especially towards the right side, became very sensitive; the scars formed by the healing of these ulcers remained for a long time,[23].—[**430.**] **Soreness in the nose; at the lower (outer) surface of the septum there is a yellow scab,* which is increasing; it is chiefly at the junction of the septum with the upper lip,[22].—Soreness in the right nostril, *the dorsum of the nose was painful to touch* (tenth day),[34].—The usual soreness of nose,[22].—Feeling of soreness in the mucous membrane of the nose (one hundred and fifth day),[35].—Feeling of soreness in the nose, which is dry; especially are the margins of the nostrils dry and covered with thin scales, in the evening (eighty-fourth day),[35].—Unusual sensation in the nostrils, something of a feeling of soreness, as if the nose were stiff like parchment and immovable; the nose was also quite dry, in the evening (one hundred and eleventh day),[35].—Margins of the nose feel sore (one hundred and twenty-third day),[35].—Sore pain on the right side of the septum of the nose, especially when touched, after which it was most violent (twenty-second day),[26].—Dull sore pain on the right surface of the septum of the nose when touched, and afterwards becoming a burning (twenty-third day),[26].—Nose painful and dry, except in the morning, when a watery discharge took place,[22].—[**440.**] The septum of the nose is painful, with burning, especially after being touched, as after a pinch of strong snuff (thirty-second day),[26].—Tickling in the nose (seventy-sixth day),[35].—Tickling in the nose frequently caused sneezing, without any catarrh (first day),[31a].—Tickling in the left nostril (first day),[29b].—Tickling and burning in the nose frequently returned after the proving,[26].—Tickling and itching in the nose (twenty-third day),[26].—Tickling and itching in the nose, associated with crawling and formication in the left side of the nose, and twitching in the margins of the lids of the same side (twenty-fifth day),[26].—Disagreeable tickling in the left nostril, high up, as if a hair were moving in it, so that I was unconsciously obliged to bore in with the finger, in the evening while in the house; there was nothing in the nose and it was quite dry (fiftieth day),[35].—Distressing tickling sensation in the nose (twelfth and thirteenth day),[26].—Itching in the nose (thirty-first day); almost intolerable (thirty-second day),[26].—[**450.**] Annoying itching and tickling in the nose, increased by rubbing (nineteenth day),[26].—***Smell.*** Smell extremely acute (fifth day),[76].—Diminished sense of smell (thirtieth to thirty-fifth day),[23].—Smell even for strong odors blunted (to the astonishment of others), (third day),[26].—Sensation of smell for very strong odors lost (this symptom was observed more or less during the whole proving), (thirty-first day),[26].—Destitute of smell, for nineteen years (after first week),[22].—*Offensive odor in the nose,[23].—Sensation of a fetid smell,[1].—Imaginary putrid smells (with eructations, and taste of rancid bacon), (after fourth dose),[2].

Face.—Objective. Expression of uneasiness (0.12 grains),[57].—[460.] Countenance anxious,[52].—General appearance anæmic,[22].—Yellow color of the face (tenth day),[26].—Face yellow and earthy,[26].—Ashy gray color of the face (fourth day),[30].—**Face pale*,[52]; (after half an hour),[46]; (0.12 grains),[57].—Complexion before ruddy and fresh, now pale and yellowish,[22].—Color of the face pale, sickly, with sunken eyes (fifth day),[26].—Great paleness of the face (third day),[29b].—Face very pale and cadaverous, and covered with cold sweat,[52].—[470.] Swelling of the face (in some cases),[43].—Peculiar tension of the muscles of the face, which makes the features rigid, a very sickly expression (one hundred and twenty-first day),[35].—Face drawn, pale, and covered with cold clammy sweat (after one hour and a half),[51].—***Subjective.*** Indefinite painful sensation in the right side of the face, especially in the zygoma and towards the ear (after one hour, second day); returned, but in the left side (tenth day),[35].—Tension in the facial muscles (thirty-third day),[35].—Aching like a bruised pain in the bones of the face, especially on the facial surface of both superior maxillary bones (ninety-ninth day),[35].—(Felt and heard in left face and left neck a twanging like wires; this lasted forty-five minutes (after about an hour); then burning (subjective and objective) in entire left head and face, which relieved the twanging; the burning lasted fifteen minutes, and then all the symptoms went away),[39].—Drawing pain in the bones of the face and of the right hand, in the morning (thirty-sixth day),[35].—Dull pressure in the bones of the face, especially in the infraorbital region and in the nasal bones (fifty-seventh day),[35].—Tearing in the bones of the face, at times during the day (eighty-fourth day),[35].—[480.] Tearing in the left side of the face (fifteenth day),[35].—**Sensitiveness in the bones of the face* (twenty-seventh day),[35].—***Cheeks.*** Cheeks flushed,[52].—Swelling of the right cheek, especially over the malar bone (zygoma?),[25].—Pain in cheek-bone, in the evening (20 drops, second day),[5].—Sore burning in the fossa, between the right wing of the nose and the cheek, lasting half an hour (fifty-second day),[35].—Tension and drawing in the masseter muscles, and great accumulation of saliva in the mouth (seventy-first day),[35].—Drawing in the zygoma and in the bones of the extremities (ninety-fifth day),[35].—Feeling of pressure in the bones of the upper jaw, just below the orbits, after breakfast (twenty-third day),[35].—Acute pain in the infraorbital portion of the malar bones (twenty-seventh day),[35].—[490.] Violent sticking, extending through the right zygoma towards the forehead (sixty-fifth day),[35].—**Sensitiveness of the bones of the upper jaw, especially beneath the orbit* (thirtieth day),[35].—***Lips.*** That portion of the upper lip under the nose is swollen and sensitive, but not red, in the forenoon (one hundred and twelfth day),[35].—The upper lip beneath the right nostril was swollen, red, and covered with small blisters (seventy-ninth day),[35].—Ulcerations, with indurated edges, and smarting pain on the mucous surface of both lips,[22].—Burning in the lips (one hundred and fourteenth day),[35].—Burning in the upper lip beneath the nostrils (seventieth day),[35].—Burning on the inner surface of the upper lip (thirty-sixth day),[35].—Smoking burns the lips, which are dry and tense (eighty-fourth day),[35].—***Chin.*** Swelling of the left ramus of the jaw, a tense circumscribed elevation beneath the periosteum as large as a small walnut (second day),[29b].—[500.] Boring pain in the left side of the lower jaw, in the evening,[25].—Constant boring pain in the left side of the lower jaw, with some remissions,[25].—Burrowing in the rami of the lower jaw (first day),[29b].—Drawing in the lower jaw starting from the ear, with accu-

mulation of saliva in the mouth (ninety-ninth day),[35].—Stitches in left submaxillary bones towards the ear,[7].

Mouth.—Teeth. A carious tooth that had been filled, and upon which I accidentally bit at dinner, and which pained for a few minutes afterwards as usual, began to pain violently about 3 P.M.; the pain gradually increased, so that I was obliged to leave off work; at 6 P.M. it was drawn, after which it bled through the night and till the next noon, with very great swelling of the gum, so that no medicine was taken for the next three days (tenth day),[32].—Toothache, with profuse accumulation of saliva,[32].—Boring pain in the right upper molars, towards evening,[25].—Dull burrowing pain in all the teeth of the left side, after midnight (eighteenth day),[26].—Gnawing in the roots of all the teeth, at noon (ninety-first day),[35].—[510.] Transient drawing and tearing pains in the left teeth and in various joints of the extremities, wandering and suddenly changing their location (nineteenth day),[26].—Transient stitches in various hollow and sound teeth of the left side (third day),[26].—Transient stitches in several back teeth of the left side, also in an anterior upper incisor (thirty-second day),[26].—Dull tearing toothache in the back teeth of the left lower jaw, with stitches extending into the ears and corresponding temple (eighteenth day),[26].—Sudden drawing-tearing pain in all the teeth of the left side, starting from no particular tooth, relieved by neither cold nor warmth, but only for a moment by pressure upon the lower jaw; lasting till towards midnight (seventh day); the next morning there was no pain in the teeth, but a decided swelling of the gum, which was painful in the vicinity of a last left lower hollow back tooth; at noon there was dull drawing-tearing toothache on the same side, with extremely acute stitches in the upper and lower jaws, extending to the ear, temple, and neck of the same side, lasting the whole day; the portion of the neck involved was sensitive to touch, the cervical glands swollen; wandering tearing pains in various parts of the upper and lower extremities; tongue coated yellow; in the evening there set in intolerable tearing-sticking headache through the whole head, at times cutting, as though it were cut to pieces with knives; chilliness and flushes of heat in the left side of the head and face, pulse accelerated (80 instead of 70 as usual); on the next day the gum was less swollen, but towards noon there was a transient tearing pain in the teeth of the left lower jaw, accompanied by extremely acute, transient, sticking-tearing pain in the left ear, temple, and side of the neck, lasting, with intervals of freedom from pain, till evening; sleep that night was disturbed by pain in the teeth and head; after this the trouble in the teeth entirely disappeared,[26].†—Sensitiveness of the teeth (eighth day),[35].—Sensitiveness of the teeth, especially of the upper incisors (twenty-ninth day),[35].—***Gums.*** Livid color of the gum, which, however, neither bleeds nor is painful (twenty-fourth day),[23].—Very livid appearance of the gum (even after a month),[23].—The gum bleeds on sucking it (twenty-fourth day),[35].—[520.] Uneasy sensation in gums, in evening (20 drops, second day),[5].—Sensitiveness of the gum (one hundred and thirteenth day),[35].—Slight irritation of the gum of the left upper jaw; the

† I had been subject twice a year, but especially in the spring and fall, to a similar rheumatic toothache, which seemed to be caused by taking cold, or a draft of air, characterized by violent tearing-digging pain involving now the right, now the left side of the lower jaw, relieved by neither cold nor warmth, especially violent at night, completely preventing sleep, and afterwards becoming worse for three or four days, suddenly ending with swelling of the gum, but this attack was quite different from the former ones.

pain in the gum extended through the upper lip to the wings of the nose (upon examination the gum was found to be inflamed); on the next day the inflammation had increased so that the whole upper lip and both wings of the nose were involved and very painful; there appeared between the upper lip and gum, above the eye tooth, an oblong and very painful abscess, which opened after three days, and gradually disappeared,[24c].—***Tongue.*** *Tongue smooth, red, and cracked (during dysenteric attacks),[22].—Tongue loaded (after nine months),[49].—***Tongue coated whitish-yellow* (tenth day),[26].—Tongue covered with a thick loose fur (thirtieth day),[8].—Tongue thickly furred and of a light-brown color on the dorsum, on waking in the morning (thirty-first day),[8].—Tongue thickly coated white over its entire surface; the taste was not disagreeable, and there was no loss of appetite (ninety-third day),[35].—Tongue at root thickly coated with yellowish-white fur,[22].—[530.] Tongue thickly coated a yellowish-white, with nauseous taste and qualmishness, in the morning (second day),[34].—***Tongue coated with thick yellow mucus,*[26].—Tongue thickly coated with yellow mucus, only clear at the edges (seventh day),[26].—A partial eruptive swelling of the tongue, which after two days became depressed, and out of its hollow blood oozed for three days; no pain, but his speech was obstructed,[19 36].—***The papillæ of the tongue very long on the dorsum, with a brown-colored patch* (thirtieth day),[8].—Painful ulcer on tongue, lasting for weeks,[22].—Tongue dry and thickly coated in morning,[22].—***Tongue rather dry and red,*[54].—Sensation of pain at the back of the tongue and on the velum, lasting a considerable time, and not relieved by eating or drinking (twenty-fourth day),[8].—Burning in the tip of the tongue (first day),[31a].—[540.] Stinging in the tongue (twenty-first day),[8].—Frequently, on different days, short stinging and pricking pains in the tongue,[1].—***General Mouth.*** Burning vesicle on the mucous membrane of the inside of the left corner of the mouth; next day this vesicle had become a small painful ulcer surrounded by hard swelling; in the afternoon there was burning of the mouth, especially of the inner surface of the lips; on the third day the ulcer diminished in size, and on the fourth healed (one hundred and thirty-seventh to one hundred and fortieth day),[35].—Ulceration of the inner surface of the lips,[22].—Excavated cicatrix on roof of mouth, from which a slough separated seven months ago; no pain until separation of slough; sore took six months to heal,[22].—Aphthæ (for the first time since proving *Bryonia*), (twenty-second and twenty-third days),[23].—The velum presents a rough, papular, elevated appearance,[22].—***Dryness in the mouth* (seventy-seventh day),[35].—***Dryness in mouth and throat,*[22].—Dryness of the mouth, especially of the lips, which become so dry in the air that he is constantly obliged to moisten them with saliva if he desires to speak, in the forenoon (twenty-seventh day),[35].—[550.] Dryness of the mouth, with bitter astringent taste, in the forenoon (eighty-ninth day),[35].—Excessive dryness of the mouth, especially of the lips, without thirst (fifty-seventh day),[35].—Burning in the mouth caused by smoking (fifty-seventh day),[35].—***Saliva.*** Increased secretion of saliva, soon after a dose (seventeenth day),[26].—Increased secretion of saliva, compelling frequent spitting; the saliva was colored slightly yellow,[25].—Increased secretion of saliva, aggravated by smoking; the saliva was salty, bitter, tenacious, full of large bubbles of air; hawking always loosened large quantities, associated with eructations of air (after half an hour),[33].—Greatly increased secretion of saliva, which at first was watery but afterwards became frothy (twenty-second day),[31].—Increased salivation, and a cooling, salty, astringent, metallic, and afterwards bitter taste, with salty

eructations, soon,[33 44].—Profuse salivation,[33 44].—Flow of saliva into mouth (soon after fourth dose),[2].—[560.] Copious flow of saliva into mouth (two hours after fourth dose),[2].—Constant flowing of saliva from the mouth, which was not relieved even by breakfast, lasting till noon,[24a].—Accumulation of saliva in the mouth,[31].—Great accumulation of saliva of a sweetish sour taste (soon after 1st trit.),[31a].—Accumulation of water in the mouth (seventh day); while smoking, immediately (thirteenth day),[35]; and nausea,[25].—Accumulation of water in the mouth with the commencing nausea; this nausea recurs at times after breakfast,[35].—Accumulation of water in the mouth, with nausea, always disappearing after a few minutes, and followed by a flat taste in the mouth, lasting some time,[25].—Collection of water in the mouth (soon after 15 drops), (thirtieth day),[23].—**Sticky saliva in mouth and upper part of throat about uvula*,[37].—Frequent spitting (one hundred and twenty-first day),[35].—***Taste.*** [570.] The taste of the solution was metallic and nauseous; after some hours the taste reminded one of sugar of lead; water had a disagreeable but food a natural taste,[23].—Bad taste in the mouth (one hundred and fourteenth day),[35]; after nine months,[49].—Very disagreeable taste in the mouth, on smoking (sixty-eighth day),[35].—Very disagreeable taste, especially at the root of the tongue, after breakfast (sixty-fourth day),[35].—Nauseous taste in mouth,[22].—Musty taste, in the morning,[22].—Disagreeable, sweetish taste (seventh day); while smoking (second day),[35].—The sweetish taste returned after a bowl of soup, with pressure in the stomach (ninth day),[35].—A cool sourish taste on the back of the tongue and in the throat, with qualmish nausea for ten minutes, in the morning on going out (eighth day),[32].—Saltish sour taste in the mouth, immediately (twenty-second day),[31].—[580.] Bitter taste in morning,[22].—Very bitter, pasty taste (tenth day),[26].—Bitter, very disagreeable taste,[44]; on smoking (fifty-seventh day),[35].—Very disagreeable astringent taste at the root of the tongue (ninety-fifth day),[35].—While smoking after breakfast, an extremely disagreeable astringent taste (sixty-ninth day),[35].—While smoking, a disagreeable, sharp, astringent taste, extending into the fauces (sixty-fourth day),[35].—Bitter astringent taste on the back of the tongue (after two hours, twentieth day),[31].—Very sweetish astringent taste, with profuse accumulation of very watery saliva (soon),[31b].—Disagreeable, resinous, astringent taste in the mouth (fifteenth day),[35].—Very disagreeable taste in the mouth, like commencing nausea, after breakfast; the taste is sweetish-sour and astringent (forty-ninth day),[35].—[590.] Nauseous, sharp, scraping taste in the mouth, while smoking after breakfast (thirty-eighth day),[35].—Taste like salt in the mouth, during the afternoon (sixth day),[8].—Metallic taste,[1]; (eleventh day),[31]; (eighteenth day),[26].—Very strong metallic taste,[24a].—Very disagreeable metallic taste and accumulation of saliva, followed by nausea and eructations (after half an hour),[36].—Sudden excessively metallic taste at the root of the tongue, in the forenoon and evening,[25].—Metallic, astringent, nauseous taste, after dinner (twenty-seventh day),[35].—Sweetish metallic taste on the tongue, soon (first day),[31].—Sweetish metallic taste in the mouth, especially on smoking cigars,[35].—Disagreeable, sweetish, metallic taste in the mouth (immediately),[25].—[600.] Very distressing, sweetish, metallic taste towards noon, which also returned after soup at noon (eighth day),[35].—Coppery taste,[22].—Sudden metallic (coppery) taste at the root of the tongue and soft palate, with nausea and eructations,[25].—Disagreeable, sweetish, resinous taste, especially in the middle of the tongue, particularly if it comes in contact with the hard palate, while smoking (thirteenth day),[35].—Disagreeable, bitter, resinous

taste (thirty-fourth day),[35].—A disagreeable, sharp, sweetish, metallic, resinous taste, especially at the entrance of the fauces, so that I was almost obliged to vomit, after breakfast; after a glass of water it was still worse, and I could not bear smoking a cigar, disappearing after an hour (soon after a dose, fifty-third day),[35].—Taste of rancid bacon (with eructations and imaginary putrid smells), (after fourth dose),[2].—Taste of blood in mouth, on rising in the morning (after second dose); in evening (after fourth dose); all day (seventh day),[2].—Bloody putrid taste in the mouth (third day),[2].—Sweetish nauseous taste of blood coming from the chest (sixth day),[29b].—[610.] The cigar put into the mouth always caused a nauseous taste, even though the taste before had been perfectly good (eighth day),[35].—The usual cigar had a very disagreeable bitter taste (nineteenth day),[35].

Throat.—Objective. Throat looks red and inflamed, on waking in the morning (thirty-first day),[8].—**Much tenacious mucus in the throat*, in the morning (second day),[26].—Hawking of thick mucus in the morning (one hundred and twenty-sixth day),[35].—***Hawking of thick gelatinous mucus, in the morning** (one hundred and thirty-second day),[35].—***Hawking of a considerable quantity of tenacious mucus, in the morning** (thirty-ninth day),[35].—Hawking of mucus and copious expectoration of thick bluish mucus (eighteenth day),[26].—Frequent hawking and expectoration of white frothy saliva (twentieth day),[31].—Frequent hawking of mucus in the afternoon (twenty-second day),[26].—***Subjective.*** [620.] Dryness, scraping, and burning in the throat, especially in the upper portion of the larynx, as far as the hyoid bone, after midnight, (first night),[29b].—Dryness in the throat, obliging her to swallow saliva; on swallowing there is burning, though the throat is not red internally (second day),[29b].—Dryness in the throat, with pain on empty swallowing; immediately after washing this dryness alternated with the usual secretion of mucus and the saliva had a very salty taste,[33].—Sense of dryness and heat in the throat, with excessive thirst,[52].—Throat dry, with pain in swallowing on waking in morning (thirty-first day),[8].—Feeling as of adherent mucus in the throat, in the morning (sixth day),[26].—Pain in the throat on swallowing, especially on moving the jaw sideways (ninth day),[26].—Great heat in throat and stomach (after a few minutes),[22].—Burning in the throat (eleventh day),[31].—Slight burning in the throat compelling dry hacking (twenty-second day),[31].—[630.] Feeling of burning or soreness extending from the stomach up into the mouth, on waking (fourth day),[28].—Feeling of rush of blood to the throat (eighteenth day),[34].—Slight drawing pain here and there in the throat, at first in front, between the lower jaw and the hyoid bone, then in the ethmoid bone, extending to behind the ears (fifth day),[35].—Pressive pain in the throat, in the morning on waking (fourth day),[26].—Pressive pain in the throat almost daily, persistent for a long time after the proving,[26].—Sticking in the throat on swallowing and speaking, remarkably increased on moving the jaws sideways, extending into the ears, with some redness of the anterior surface of the arch of the palate (fourth day),[26].—The pain in the throat is more violent than yesterday; on the anterior arch of the palate were noticed some circumscribed spots as large as millet seeds and larger, bright red, looking as though ulcers would form (fourth day),[26].—Frequent sensation while passing flatus as though something were sticking in the throat, which lasted a long time (sixteenth day),[31].—Some transient stitches inside the throat, also caused by empty swallowing (thirty-second day),[26].—Sore throat on waking, pain being at the palate; sore throat went away in the air (thirtieth day),[8].—[640.] Sore throat as though from a broad substance covered with prickles,

impeding swallowing (sixth day); better (ninth day), but returned on waking in the morning (tenth day); entirely disappearing (eleventh day),[23]. —Scraping in the throat,[31b 42].—Scraping and burning in the throat (immediately),[31]; (thirty-ninth day),[35].—Complained of raw rasping sensation in the throat (after an hour and a half),[51].—Rawness in the throat (one hundred and fourteenth day); in evening (thirty-seventh day),[35].—Rawness in the throat and frequent hawking from larynx, in the morning (twenty-first day),[35].—Rawness and burning in the throat, so that she began to have a hacking cough (third night),[29b].—Roughness of the throat and hawking of mucus,[35].—***Uvula and Tonsils.*** ******Uvula and tonsils became red, swelled, and painful, and finally ulcerated* (suspected by a surgeon to be syphilitic), (after third day),[22].—Relaxed uvula and injected fauces, without uneasy feelings (several),[22].—[650.] ***On the root of the uvula, on the right side, an excavated sore, half the size of a split pea, with a reddish areola, containing a yellow tenacious matter,**[22].—Tonsils and fauces generally have an erythematous injected appearance,[22].—**Several ulcers on the tonsils and throat, the surface of which seemed covered with an ashy slough, and the surrounding mucous membrane was dark, livid, and swollen,*[54].—***Fauces, Pharynx, and Œsophagus.*** Sharp shooting pains in left tonsil towards ear, relieved by swallowing,[1].—Redness of the fauces and elongation of the uvula, with a sensation as of a plug in the throat, not relieved by frequent swallowing,[33].—Fauces and palate present an erythematous blush,[22].—Long-continued erythematous blush of the fauces and soft palate, varying in hue from a dark to a bright red; occasionally of a coppery color (many),[22].—Dryness in the fauces (twentieth day),[31].—**Sensation of a hair in the fauces* (fourteenth day),[8].—Constriction of the fauces soon (thirtieth day),[23].—[660.] Scraping in the isthmus faucium, causing hawking (second day),[28].—Catarrhal scraping in the isthmus faucium, lasting half an hour, and when most severe causing a cough on every inspiration; worse in the open air (after half an hour),[28].—The difficulty of swallowing was relieved in the evening, but gave place to rawness and scraping in the fauces, which together with the secretion of saliva persisted for several days,[33].—Slight burning in the pharynx (one hour after second dose),[2].—Feeling of coldness in the pharynx very decided and accompanied by inability to swallow the saliva quickly, so that he was obliged to make four or five efforts in order to accomplish it (after 20 drops),[32].—Feeling of coolness in the posterior wall of the pharynx; this gradually increased to a dry scraping that caused repeated painful cough, which however passed off after a few minutes (two or three minutes after 10 drops),[32].—Rawness in the pharynx (fourth day),[2].—Sensation as if the food remained in the œsophagus,[1].—Sensation of retching in the œsophagus, always followed by a stitch through the lung,[27].—Burning, extending through the œsophagus into the stomach (immediately after a dose, and lasting half an hour), (sixth day),[35].—***Swallowing.*** [670.] Difficulty of swallowing in consequence of the state of the throat,[54].—Slight difficulty in swallowing,[33].—***External Throat.*** Cervical glands swollen and sore to touch (twenty-third day),[26].

Stomach.—Appetite. Increase of appetite,[1]; (third day),[6].—Appetite and thirst increased (first day),[26].—Great appetite (thirty-first day),[26].—Appetite good for dinner, but little thirst, contrary to the usual habit; the largely watered wine was not at all relished and had a bitter taste; after eating all the symptoms disappeared and I felt quite well (twentieth day),[31].—Ravenous hunger on seeing food; after eating the ill-humor dis-

appeared; half an hour afterwards there was shivering with chilliness, especially in the extremities, alternating with flushes of heat and general perspiration; eructations tasting of the food, nausea, accumulation of water in the mouth, and qualmishness with desire to vomit, which did not take place,[33].—Distressing sensation of hunger, though there were nausea and disinclination for the slightest food (sixth day),[26].—Diminished appetite (40 drops),[4].—[680.] Impaired appetite (with pain in region of kidneys, etc.),[22].—Bad appetite, with foul tongue,[22].—Capricious appetite,[22].—For a few minutes, while eating breakfast, the appetite would be good, but soon turned into a sensation of disgust, so that he had to leave the table (after one hour, eighth day),[6].—Little appetite for breakfast (ninety-first day),[35].—No appetite for breakfast (seventh day),[35].—At noon she ate without appetite and was soon satisfied (third day),[29b].—No appetite for dinner, but food was relished (fifty-fifth day),[35].—Desire to eat, though at dinner there was a want of appetite (twenty-second day),[26].—Loss of appetite and no thirst,[12a].—[690.] *Complete loss of appetite (eighth day),[26].—Complete loss of appetite without aversion to food, at noon and in the evening (twenty-third day),[26].—Appetite goes away (during dyspeptic attacks),[22].—Appetite entirely disappeared, and the only desire was for rest,[31b].—**Anorexia*,[57].—Dislike to meat,[22].—Aversion to smoking the whole forenoon (eighth day),[35].—***Thirst.*** Constant thirst (eighth day),[26].—Decided thirst, but the smallest amount of liquid caused a return of the nausea in the stomach (one hour after 30 drops), (thirty-fifth day),[23].—Much more thirsty than usual, in evening (third day),[6].—[700.] **Great thirst*,[22 54].—Thirst excessive,[52].—Violent thirst with unusual longing for beer, in the evening (one hundred and thirty-second day),[35].—Burning thirst,[55].—**Thirst for acid drinks* (twenty-fourth day),[31a].—Great longing for beer (seventy-ninth day),[35].—Aversion to water, which has an unnatural taste, continues eight days (after thirty-nine days),[23].—Great aversion to water (immediately after 30 drops), (thirty-fifth day),[23].—***Eructation and Hiccough.*** Eructations (immediately), (seventeenth day),[26].—Eructations frequently during the day (second day),[29a].—[710.] Eructations towards evening; during this day there had been very little eaten and nothing flatulent (eleventh day),[31].—Eructations and nausea (soon),[25].—Frequent eructation (thirty-first day),[5]; after breakfast (thirty-fifth day),[35].—Constant eructations,[24a].—Empty eructations,[26].—Eructations of air,[35].—Eructations of air with some qualmishness, after breakfast (twenty-second day),[35].—Tasteless and odorless eructations of air, with rumbling in the intestines,[32].—Eructations of much odorless flatulence (twenty-second day),[31a].—Constant eructations of odorless flatulence (sixteenth day),[31].—[720.] Convulsive eructations (soon after fourth dose),[2].—Eructations of flatus and acid matter,[22].—Sour eructations,[22 32].—Eructations with taste of food (after first dose),[2].—Eructations having the taste of putrid fat (third day),[2].—Eructations, with taste of rancid bacon, although none had been taken; together with imaginary putrid smells (after fourth dose),[2].—Rising in the throat after eating (fifth day),[2].—Frequent acid risings (sixth day),[8].—Hiccough,[12a]; with waterbrash, in evening,[1].—***Heartburn.*** Heartburn,[35]; only in evening, after tea,[22]; on waking in middle of night (one hour after second dose),[2]; after dinner (fifteenth day),[8].—***Nausea and Vomiting.*** [730.] *Nausea*,[53]; (immediately),[42]; almost immediately,[51]; all day (40 drops),[4]; (with pain in region of kidneys, etc.),[29]; after smoking,[2]; while smoking, after a meal,[25]; (without vomiting),[57].—Nausea, aggravated by the sight of food, and by motion (half an

hour after fourth dose),[2].—Nausea, relieved by eating,[1].—Nausea lasting the whole forenoon, and I was obliged to take warm soup in order to relieve the distressing symptom; the soup tasted very good and afforded relief, except that pressive pain in the stomach continued, so that I could not endure the pressure of the clothes over the stomach (twenty-second day),[31].—Nausea and inclination to vomit without being able, with mouth full of water as before seasickness; accompanied with vertigo, as if she would feel relieved in lying down; but the nausea continued, and she vomited clear watery fluid,[12].—Nausea and retching, with eructations of an acid fluid,[31b].—Nausea, with confusion of the head (seventh day),[26].—Nausea and faintness in the stomach (sixth day),[28].—Nausea, with transient attacks of vertigo and confusion of the head, lasting half an hour (sixth day),[26].—Nausea, with dull pressive pain over the whole head (fourth day),[26].—[**740.**] Nausea with hot risings from the stomach and accumulation of sweetish flat saliva in the mouth (second day),[28].—Nausea, heaving at the stomach and shuddering, with flow of water in mouth, sensation of coldness in stomach, and want of appetite,[1].—Nausea, and violent shooting pains in stomach, then vomiting of the drug,[14].—Nausea and inclination to vomit after breakfast (one hundred and twenty-first day),[35].—Nausea and inclination to vomit,[31b].—Nausea and pituitous vomiting in the morning (during dyspeptic attacks),[22].—Nausea, inclination to vomit, actual vomiting with difficulty repressed; the slightest pressure on the epigastric or hepatic regions immediately increased the inclination to vomit and caused a dull pressive pain (after half an hour, seventeenth day),[26].—Nausea immediately after a dose, lasting an hour, and even after breakfast, associated with heaviness and tension in the lower abdomen, in the region of the symphysis pubis, and a general feeling of discomfort, of malaise; the nausea gradually disappeared, but towards evening while smoking there were frequent spitting and slight attacks of nausea (sixty-seventh day),[35].—Nauseous sensation in the epigastric region for a moment (after each dose), (twentieth to twenty-first day),[23].—Frequent attacks of nausea (twenty-sixth to thirtieth day),[26].—[**750.**] **Sudden nausea*, half an hour after a moderate dinner (tenth day),[26].—Sudden nausea and headache, soon followed by vomiting and purging,[55].—Slight nausea towards noon; excessive nausea in the evening, with inclination to vomit,[25].—Much nausea, while walking in the open air after breakfast (tenth day),[32].—Much nausea with sour eructations, qualmishness, and at last violent griping in the abdomen, half an hour after breakfast (ninth day),[32].—Great nausea with inclination to vomit, soon after taking; indeed, he would have vomited if he had not taken a morsel of bread, which immediately relieved all the symptoms,[36a].—Great nausea, inclination to vomit, and such violent retching that it caused pain in the abdomen (second day),[30].—Excessive nausea (immediately after a new dose),[24a].—Awoke at 2 A.M., with extreme nausea, but inability to vomit (three hours after 15 drops, third day),[5].—Violent sickness of the stomach, with great inclination to vomit, which continued for half an hour, when it gradually passed off, and he fell asleep (after twenty minutes, seventh day); sickness of stomach again, with a still greater inclination to vomit, and slight chilliness (after half an hour, eighth day),[6].—[**760.**] I attempted to eat, but had scarcely taken a spoonful of soup when the sickness returned; solid food was borne very well (three hours after 30 drops), (thirty-fifth day),[23].—Dizzy and sick at my stomach; could not lie in bed, and felt sick and very much like vomiting (a thing I have not done these thirty years), (after two hours),[50].—

Deadly sickness, and vomiting of light yellow-colored insipid fluid, whilst walking in the open air (two hours after fourth dose),[2].—Qualmishness after breakfast,[35]; lasting all day,[14].—Qualmishness, diminished by eating,[12a].—Qualmishness, coldness, trembling, and hunger, the qualmishness diminished by eating,[12a].—Qualmishness, with depression of spirits, paleness of the face, blunted sensibility, muscular weakness, with a very strong desire to be relieved of this distress, so that I attempted to provoke vomiting by putting the finger into the throat, which succeeded in ejecting large amounts of food and mucus, after which I experienced relief,[33].—Slight qualmishness and pressure in the stomach, after breakfast (eighty-fourth day),[35].—Squeamishness, and in half an hour vomiting of the food, quite undigested and not the least acid; followed by nausea on moving about, for several hours,[14].—*Inclination to vomit* (seventh day); after breakfast, soon (thirteenth day),[35]; soon after fourth dose,[2]; half an hour after dinner (tenth day),[26]; lasting an hour (second day),[27].—[**770.**] Coffee with milk was not only not relished, but afterwards there was inclination to vomit, which continued with accumulation of water in the mouth, so that vomiting was only forcibly repressed (eighth day),[35].—Constant straining and retching,[52].—Frightful retching, followed by repeated attacks of vomiting, which completely empty the stomach (after 1 grain 1st trit.),[24b].—Repeated retching and vomiting (0.12 grain),[57].—Severe retchings and vomiting,[47].—***Vomiting**,[47].—Vomiting; all mucilaginous liquids administered were immediately rejected,[58].—Vomiting, with straining,[52].—Vomiting was almost always produced, and in a great measure prevented other symptoms from being developed; sometimes, however, 25 and 30 drops produced no apparent effect,[4].—I have become so averse to the drug that it makes me vomit whenever taken; even the thought of it causes accumulation of water in the mouth (one hundred and ninth day),[35].—[**780.**] Vomiting, preceded by frequent ineffectual efforts; this occurred six times; the ejecta had a slightly yellow color, a somewhat sweetish taste, reminding one of the drug. During the fifth and sixth repetition of the vomiting there was a bruised pain in the upper abdomen, and the ejection, with great exhaustion, of a very dark-brown extremely bitter substance (much more bitter than ordinary bile), (one hour after 30 drops), (thirty-fifth day),[23].—After breakfast, while dressing, the inclination to vomit suddenly became violent, and all the contents of the stomach were forcibly ejected; the vomiting was entirely without effort, left behind no disagreeable taste, and after it I felt quite well, so that I was able to give my lecture (eighth day),[35].—Vomiting of all the contents of the stomach, with very painful contractions of the stomach, and persistent retching, even after the stomach had been emptied; this was followed by relief, and all the symptoms disappeared; this antiperistaltic action was confined wholly to the stomach; there was no bile vomited, not even a trace of a bitter taste, only the taste of the food (one hundred and twenty-first day),[35].—Occasional vomiting, with violent epigastric pain,[52].—Frequent and violent vomiting, without much retching (after copious draughts of milk, soap-water, and oil),[42].—Profusely sick and had thrown up a serous-looking fluid, resembling the evacuations of rice fluid in cholera,[46].—**Vomiting of thin glairy fluid* (*of a pinkish color*),[52].—Vomiting, with much straining, after breakfast; after the lapse of half an hour, again vomiting of brownish-yellow pappy matter; in three hours the vomiting returned, with violent retching, and very bitter taste in mouth (40 drops),[4].—Habitual attacks of sour vomiting, excited by stooping or moving, with pain at epigastrium,[22].—Vertigo while sitting writing, so that the pen

trembled in the hand; I tried to hurry to the window in order to get fresh air, but suddenly there followed the most violent vomiting of white mucous acid fluid accompanied by the most frightful nausea, violent pressure, and burning pain in the stomach, followed by relief; after about five minutes the vertigo again increased and the nausea returned with the most violent and painful vomiting of a similar fluid, only less in quantity (immediately after 80 drops),[31b].—[790.] I had hardly time to reach my bed when vomiting began; my sensations, if I remember rightly, were precisely like those of seasickness; it seemed as though my stomach turned a complete somerset, and as if every muscle in my body was at work to eject the offending substance; the bloodvessels of my head seemed full to bursting, the deathly sickness and the straining were an agony; my sense of smell and taste seemed tenfold keen; the Ipecac, as soon as I took a teaspoonful, seemed all alcohol, and so increased my nausea that I could take no more; the color of the liquid vomited was a pea-green, and so intensely bitter that it reminded me of the tansy I used to chew when a boy for worms; the bitter taste did not remain, however, in my mouth afterwards. I felt chilly and shivered all over; mixed some Camphor and tried to take it by teaspoonful doses; the smell and taste made me so deathly sick I could take no more; again the vomiting commenced; same in appearance as before and same distress; no food was ejected and I trembled as before; had cramps in my stomach. In my last vomiting, the sensation in my throat and mouth was so much like the peculiar one of the Podophyllum, that I directed the 2d to be prepared immediately, and after a third act of vomiting, I began taking it rapidly in teaspoonful doses, also ordered a mustard plaster to the pit of my stomach; the taste of the Podophyllum was grateful rather than otherwise; drank freely of hot black tea, not strong, with no milk, and a little sugar; after this I vomited no more, and rested, warmly covered up, for two hours (after two hours); felt sore, with dull ache at the pit of the stomach, and slight occasional nausea (second day),[50].—Repeated attacks of violent vomiting of yellow, bitter, bilious matter, in such violent and rapid succession that I could scarcely get my breath; the head was very painful, the whole face covered with a fine scorbutic eruption from the exertion of vomiting; the taste was greasy, bitter, and salty; thirst very violent, with external flushes of heat and internal chilliness,[31b].—Frequent vomiting of pure yellow bile, with a little mucus, preceded by much nausea and retching, and followed by sharp hiccough (after one hour and a half),[51].—Felt immediately deathly sick, vomited for eight hours, at first the solution, then greenish bile, then watery mucus,[49].—Violent vomiting of blood and mucus, which continued till within a few moments of his death, five hours after commencement of symptoms,[22].—The ejecta from the stomach consisted of white mucus, containing portions of bright-red blood of the size of a large hazel-nut,[31b].—Milk is ejected (pink), and with a very sour smell,[52].—***Stomach.*** It inflames the stomach when introduced into that organ, and when injected in a considerable dose into the veins,[43].—Swelling of stomach,[22].—Swelling of the stomach in the evening, with fulness and pain on pressure; inability to bear the clothes at all tight; aggravated by motion; relieved by rest (sixth day),[2].—[800.] Stomach disordered, with heat of whole body at night; yellow-coated tongue; gnawing at epigastrium,[4].—Weakness of digestion, so that the stomach was disordered by any but the mildest food,[22].—Disordered digestion from meat,[22].—Urgent dyspepsia,[52]; with considerable emaciation,[53].—Occasional dyspeptic attacks (after the eruption), always of the same character,[22].—

Incarceration of flatulence in stomach and whole lower portion of abdomen (forty-seventh day),[35].—Weakness in the stomach, immediately after a dose (twenty-ninth day),[35].—Great feebleness of the stomach in the morning,[25].—Faintness in the stomach, with incipient nausea (immediately), (fifteenth day),[35].—Faintness at the stomach, some distension in the abdomen, and rumbling in the intestines (immediately), (thirty-fifth day),[35].—[**810.**] Feeling of emptiness in the stomach, though want of appetite at dinner (seventh day),[26].—Feeling of sinking in the stomach, before breakfast (seventh day),[2].—Feeling of anxiety in the pit of the stomach (twenty-second day),[31].—Uneasiness at the stomach,[8].—Woke in about two hours with great uneasiness in the stomach, and soreness and tenderness in region of same, particularly in a small spot towards the left of xiphoid cartilage; the pains continued for some time, with dryness of mouth, nausea, restlessness, and wakefulness, heat of hands and feet, then perspiration of the hands, feet, and legs, followed by subsidence of the symptoms for about two hours, when they occurred again as before,[1].—Discomfort in the epigastric region, which while walking in the open air increased to nausea, and at last to faintness, with a feeling as though vomiting would relieve, but without efforts to vomit; the nausea afterwards became less, but a large amount of saliva accumulated in the mouth, with sour eructations, which gradually disappeared after an hour,[32].—Complains of indigestion,[22].—Pains in the stomach (after one hour and a half),[51].—Pain at greater curvature of stomach, with sense of weight (fifteenth day),[8].—Severe pain in stomach,[58]; lasting three-quarters of an hour, on waking in morning (thirteenth day),[8].—[**820.**] Violent epigastric pain,[52].—Dull pain in the stomach, with great nausea, lasting more than an hour,[25].—Gastralgia, increasing till towards evening, with an anxious feeling in the pit of the stomach, and perspiration on the upper lip; this pain is confined to a small spot of the size of the finger-tip, and seated about a hand's breadth above the navel (twenty-fourth day),[31a].—Burning in stomach (twenty-fourth, twenty-eighth, and thirtieth days); after dinner (twenty-ninth day); (one hour after dinner), (fourth and ninth days); in afternoon (eighteenth day),[35].—Burning in the stomach, once or twice in the day (sixth day),[8].—Burning in the stomach, extending up into the throat (forty-seventh day),[35].—Burning in the stomach, with accumulation of water in the mouth (fifteenth day),[35].—Burning pain at pit of stomach,[52].—Pain in the stomach, like incipient heartburn (fifteenth day),[35].—A feeling of internal coldness in the stomach and bowels, which was very distressing (after one hour and a half),[51].—[**830.**] Fulness in the stomach, in the evening, after eating a little (eighty-fourth day),[35].—Distension of stomach,[22].—Uneasiness at stomach, which continued all day, and was situated about the great curvature of the stomach, about three inches below the ensiform cartilage; the sensation resembled most the feeling of an overloaded stomach (thirteenth day),[8].—Pain in the epigastric region, commencing as an uneasy feeling of coolness, becoming a constriction, which even impedes respiration (thirtieth day),[23].—Sudden violent pain in the stomach, in its anterior surface, a burning constrictive pain, with incipient nausea and accumulation of saliva in the mouth; the pain was aggravated by external pressure, but passed off after a few minutes; before dinner (seventy-first day),[35].—Very violent, but quite painless, wavelike contraction in the pit of the stomach, which afterwards changed to the thorax, and there ceased; this was repeated within five minutes, then entirely disappeared; from the sensation, the pain seemed to be seated in the stomach and œsophagus, and not in the diaphragm, at

4 P.M. (seventh day),[32].—Cramp in the stomach (after two hours),[50]; (seventh day),[35].—Cramp in the stomach woke him after midnight, and deprived him of sleep for two hours; it afterwards alternated with a similar griping pain in the umbilical region.[32].—After breakfast aching pain, beginning at the navel and rising up the throat, lasting half an hour,[17].—Pressure in the stomach,[31].—[840.] Pressure in the epigastric region, in the evening,[25].—Pressure in the stomach and upper region of the abdomen, while the pressure in the anus ceased, in the forenoon (ninety-ninth day),[35].—Pressure in the stomach, disappearing after smoking tobacco, but soon returning, and lasting till going to bed (eleventh day),[31].—Pressure in the stomach, and a peculiar sensation is if cramp would come on (soon after a new dose), (one hundred and seventeenth day),[35].—Pressure and discomfort in the stomach, in the morning (one hundred and eighteenth day),[35].—Pressure and burning in the stomach (ninety-third day); after eating (twenty-fourth day),[35].—Violent pressure in the epigastric region, with nausea and inclination to vomit (after half an hour), with great effort (after one hour),[31a]. —An uncomfortable feeling of pressure in the epigastric region, half an hour after dinner (tenth day),[26].—Pressive pain in the pit of the stomach (after two hours),[31b].—Pressive pain in the pit of the stomach, increasing from hour to hour to a cutting pain; with at last a sensation as though the epigastric region had been beaten, with slight nausea and some efforts to vomit (twentieth day),[31].—[850.] Pressive pain in the stomach and nausea, lasting the whole day, so that I could scarcely eat; indeed in the evening, after taking a cup of black coffee, I was obliged to vomit, with great effort, as in the forenoon; this was accompanied by vertigo, violent burning pain in the stomach, anxious sweat over the whole upper part of the body, and chilliness to such a degree that it amounted to shivering; the ejecta in the forenoon consisted of food, but in the evening of a bilious fluid (first day);[31a].—Slight pressive pain in the epigastric region (second day),[31a].—Burning pressive pain in the stomach (fourth day),[35].—Oppression at pit of stomach, with smarting, burning pain, followed by expectoration of tough, light-colored sputa,[22].—Load at stomach,[22].—Food like a load (during dyspeptic attacks),[22].—Sensation as of an overloaded stomach; this uncomfortable feeling speedily changed to a decided pressure, with nausea and eructations of rancid taste, efforts to vomit, and slight griping in the upper abdomen (after half an hour),[33].—Disagreeable sensation in the epigastric region, to be compared only to the last stage of seasickness; it is not exactly a constant inclination to vomit, but rather the trouble which frequently follows repeated vomiting, a peculiar, almost indescribable sensation of twisting and constriction in the epigastric region, with intervals of rush of blood to the head, like electric shocks; also as in seasickness there were great exhaustion and the characteristic indifference; after about two hours was obliged to lie down on account partly of great weariness and partly of the distressing sensation in the epigastric region, which was aggravated by every step and only relieved by rest; this feeling of constriction in the stomach was felt frequently through the day (first and twenty-sixth day),[23].—External stitches in the epigastrium and breast into the nipple (male), and in the right hypochondrium, after dinner,[1].—Peculiar sore feeling in the pit of the stomach, which was also painful to external pressure (seventeenth and eighteenth days),[31].—[860.] Epigastrium and abdomen very painful, not bearing the slightest pressure,[52].—Pit of stomach very sensitive to external pressure; the slightest pressure caused inclination

to vomit,[31b].—In morning, gnawing pain at epigastrium, with sensation of emptiness and faintness,[22].

Abdomen.—Hypochondria. Aching at right hypochondrium,[1]. —Boring pain in left hypochondrium (third day),[2].—Slight circumscribed, pressive pain in left hypochondrium (after first dose),[2].—Stabbing pains in left hypochondrium,[22].—Sticking in the left hypochondrium (after one hour, second day),[29a].—Stitches in right hypochondrium (third day),[8].—Tearing-shooting pains in right hypochondrium, of short duration,[1].—[870.] Sensation of soreness in the right hypochondriac region, coming and going off at intervals during the day (after seven hours and a half, second day),[6]. —Dull pain in hepatic region, increased on taking a full inspiration, and in coughing (third day),[2].—Dull, heavy pain in the hepatic region (fourth day),[2].—Sticking-pinching pain in the hepatic region half an hour after dinner (tenth day),[26].—Violent sticking in the region of the liver, aggravated by even slight pressure, in the evening (thirty-first day),[26].—Slight shooting pain in region of liver (fifth day),[2].—Dull, aching pain in liver posteriorly (fifth day),[2].—Constant stitches in the liver while walking rapidly, increasing in violence and preventing farther walking, but soon disappearing, followed after two hours by a pain in the left knee, as from a sprain, which also soon disappears,[25].—Violent stitches in the region of the spleen, extending into the lumbar region, aggravated by motion and pressure (thirty-first day),[26].—***Umbilical and Sides.*** Sensation of weakness above the navel (as if he had taken a cathartic), on waking at 5 A.M. (eighth day),[6].—[880.] Peculiar aching above and to the left of the umbilicus (second day),[28].—Pressive pain in a small spot in the intestines to the right of and near the navel (ninety-ninth day),[35].—Slight, pressive pain in region of navel (after three hours, second day),[6].—Cutting in the left side of the abdomen, increasing and decreasing in paroxysms, lasting half an hour (first day),[29b].—Violent sticking pain in the right flank, extending up into the left chest as far as the clavicular region and acromion process, and into the side of the neck, causing a sensation as though the parts were tense or stretched; these stitches were not at all affected by breathing or motion, only aggravated on stooping; the whole attack was very violent, and lasted an hour, accompanied by restlessness and depression of spirits (first day),[29a].—***General Abdomen.*** Abdomen swollen and tender,[52]. —Abdomen inflated, and sensitive to the lightest pressure,[58].—Very severe gastro-intestinal inflammation, with severe cramp in various parts of the body, chiefly calves of legs and inner parts of thighs,[52].—Ulceration of the bowels,[52].—*Distension of abdomen,*[35]; in evening,[1]; after eating,[25].—[890.] Distension of the abdomen and rumbling in it, as though a watery stool would follow,[31b].—Great distension of the abdomen (forty-eighth day),[35].—Great distension and discomfort in the abdomen after dinner (ninety-third day),[35].—Rumbling in the abdomen,[26 34 35].—Rumbling in the abdomen, with uncomfortable feeling about the umbilicus (fifteenth day),[32].—Rumbling in the intestines, with emission of odorless flatulence (sixth day),[35].—Rumbling and gurgling in the abdomen,[25 26 35].—Rumbling and griping in the intestines (ninth day),[35].—Rumbling and griping in the abdomen, with discharge of offensive flatulence (twenty-third day),[26].—Frequent rumbling in the abdomen, followed by profuse pasty evacuation, after which tickling in the rectum persisted for two hours (eighteenth day),[32].—[900.] Constant rumbling noises and griping in the intestines after breakfast, soon followed by a second very thin evacuation, succeeded by retraction of the anus and some nausea (ninety-fifth day),[35].—Peculiar rumbling in the intestines,

lasting for a long time after a stool, followed by eructations of flatulence,[25]. —Borborygmi, with rumbling in the colon, especially on inspiration (first day),[28].—Movings about in the intestines (sixty-third day),[35].—All day, commotion in bowels, with one loose passage (eighth day),[6].—Flatulence,[22]. —Emission of flatulence,[35].—Frequent emission of flatulence upward and downward (soon),[34].—Emission of much flatulence (second day),[26]; (twenty-third day),[31a].—Emission of offensive flatulence (tenth day),[26].—[910.] Emission of much offensive flatulence (fifteenth day),[35].—Emission of very profuse and offensive flatulence per anum,[31b].—Indications that the bowels would move; a desire for stool, but the passage only of very offensive flatus (after two hours),[50].—Abdominal pains,[47].—Severe abdominal pains,[45].—Burning over the whole abdomen after the stool (second day),[30].—Sensation of fulness and distension in the abdomen after eating, lasting for three or four days after the proving,[31b].—Tension in the abdomen (thirty-fourth day),[35].—Tension in the abdomen, with heaviness in the stomach, in the evening (seventy-seventh day),[35].—Feeling of constriction in the abdomen at times (thirty-seventh day),[27].—[920.] Sudden cramplike contractions in the intestines, with nausea, towards noon, lasting a quarter of an hour, and followed by a pasty stool, with subsequent burning and tenesmus in the anus; a similar attack about 4 and also at 10 P.M. (the last, however, not followed by stool),[25].—Griping in the abdomen,[25 32]; (45 drops, third day),[5].—Griping in the intestines while walking in the forenoon (sixty-ninth day),[35].—Griping in the intestines beneath the umbilicus (soon after a new dose), (one hundred and twenty-first day),[35].—Griping and rumbling in the intestines (twenty-seventh day),[35].—Griping in the abdomen, with nausea from time to time (thirty-second day),[26].—Griping in the intestines, followed by a semiliquid stool, with much rumbling in the intestines, in the morning (ninety-fifth day),[35].—Occasional griping in bowels (40 drops),[4].—Frequent griping in the upper abdomen, with and without stool (thirtieth to thirty-fifth day),[23].—Slight griping and rumbling in the abdomen (after a quarter of an hour),[32].—[930.] Violent griping in the whole abdomen (tenth day),[26].—Violent griping pain in the upper and middle abdominal regions, on going out after breakfast, so violent that perspiration stood upon the forehead, and I feared it was the commencement of ulceration of the stomach or intestines; the pain, however, soon moderated, and after two hours and a half entirely disappeared (fourteenth day),[32].—On being exposed to a draft of air, even on warm or hot days, there was experienced twisting and griping in the abdomen; the stools were usually hard,[23].—Cutting, as though one were cutting and piercing the abdomen in all directions with knives (tenth day),[26].—Cutting in the abdomen, but more in the parietes than in the intestines, lasting half an hour, towards noon (eighty-ninth day),[35].—Cutting and griping in the abdomen, as though diarrhœa would follow (thirty-first day),[26].—Violent cutting and griping in the abdomen (seventeenth day),[26].—Violent cutting and sticking in the intestines,[25].—Violent cutting colic, but especially spasmodic constrictions in the upper abdomen,[25].—Transient stitches through the abdomen, extending backward towards the spine (fifteenth day),[35].—[940.] Short stitches in the intestines beneath the umbilicus (one hundred and twelfth day),[35].—Colic,[58].—Colic, which suddenly disappears (twenty-sixth to thirtieth day),[26].—Repeated attacks of colic (thirty-third day),[26].—Moderate colic,[57].—Severe colic and diarrhœa,[44].—The whole abdomen is painful to careless touch, as if sore (thirty-first day),[26].—Abdomen sensitive and distended the whole day (twenty-second and twenty-third days),[31a].—

The sensitiveness of the abdomen did not entirely disappear after the last proving; after two months it became worse, and so continued for several weeks,[23].—Abdomen very tender in region of sigmoid flexure,[52].—[950.] A very tender point midway between umbilicus and spine of ilium, evidently the ascending colon, which frequently bulges out (after nine months),[49].—***Hypogastrium and Iliac Regions.*** Griping in lower belly, as if something was piercing the bowels; worse on deep inspiration; better on pressure; this lasted for two days,[18].—Always awakes with the uneasy feeling in right iliac region (after nine months),[49].—Painfulness in the right inguinal region and right hip-joint, transient (sixth day),[35].—Pressive pain in the inguinal region, as if a hernia were about to protrude (fourth day),[2].—Strong feeling of bearing down towards the right groin (after nine months),[49].—Pain in left inguinal region, darting through to the right (sixth day),[2].

Rectum and Anus.—Painful retraction of the anus, especially violent on the days when there were no stools, lasting several months,[23].—Burning in the anus after a normal evacuation,[35].—Burning in the anus after a pasty stool (one hundred and twenty-seventh day),[35].—[960.] Burning in the anus after the second rather thin stool (fifth day),[35].—Burning in the anus for a long time after a scanty evacuation in the morning (sixty-ninth day),[35].—Burning and pressure in the anus for a short time in the forenoon (thirty-seventh day),[35].—Burning pain in the anus,[25].—Fulness in the hæmorrhoidal vessels (thirty-fourth day),[35].—Sensation of a plug in the anus while sitting in the afternoon (ninety-third day),[35].—Dragging in the anus,[35].—Dragging and biting in the anus at noon (ninety-first day),[35].—Dragging in the anus and tenesmus of the sphincter at noon (seventy-first day),[35].—Dragging and burning in the hæmorrhoidal vessels after active exercise (thirty-sixth day),[35].—[970.] Much dragging in the anus after a somewhat hard stool, afterwards great pressure in the hæmorrhoidal vessels, still later, at times, dragging and pressure in the anus, which even amounted to acute pain; during dinner the pain was so violent that he could scarcely sit (ninety-fourth day),[35].—Great dragging in the hæmorrhoidal vessels, with a feeling of soreness in the anus (ninety-second day),[35].—Indescribable sensation of twinging and pressure in the anus, as though violent diarrhœa would ensue, and sudden relief after the emission of flatulence (seventeenth day),[26].—Pressure in the anus at noon (ninety-third day),[35].—Pressure in the anus after a normal stool (twenty-third day),[35].—Pressure in the hæmorrhoidal vessels, while sitting after active exercise, in the evening (ninety-sixth day),[35].—Great pressure and burning in the anus, with desire for stool, in the forenoon, but only emission of flatulence; while still at stool, sudden outbreak of perspiration over the skin, especially on the face, where it ran down in streams, disappearing as suddenly as it came on (ninety-fifth day),[35].—Stitches in the anus (one hundred and twenty-sixth day),[35].—Feeling of soreness in the anus (seventy-fourth day),[35].—Sore pain in the anus, preventing walking, towards evening,[25].—[980.] Sore pain in the anus after prolonged motion,[25].—Itching in the anus,[35].—Violent itching in the anus while walking (fifteenth day),[35].—Desire for stool towards noon,[25].—Violent, ineffectual urging to stool after dinner (seventy-first day),[35].

Stool.—Diarrhœa. A little diarrhœa,[37].—Diarrhœa constant, and the evacuations passed away involuntarily; the bed was perfectly swamped,[46].—*Diarrhœa-like stool, consisting of brown frothy water, *with excessively painful pressure, urging, and tenesmus in the anus* (following a normal evacuation); these stools were repeated seven or eight times, accompanied by

constant pain in abdomen and by nausea and inclination to vomit, after which there followed sudden complete rest (tenth day),[26].—Very profuse diarrhœa-like stools at times (thirtieth to thirty-fifth day),[23].—Stool in the evening, with some griping in the abdomen, tolerably consistent, followed by a diarrhœa-like stool, after which there was a feeling of tenesmus for some time (seventeenth day),[26].—[990.] Evacuation towards evening somewhat formed, afterwards like diarrhœa (thirty-first day),[26].—Purging,[49].—In a small dose, a few centigrammes, it acts as a purgative,[44].—Slightly purged, the evacuations being of a greenish-yellow color,[45].—Violent purging, almost incessant, of mucus and blood; bowels evacuated as he lay in bed,[52].—**Stools bloody and extremely painful*,[58].—**Dysenteric attacks for several successive years*, lasting about three weeks; frequent bloody motions, with gnawing pain at the navel, followed by ineffectual straining,[22].—Involuntary liquid stools had passed as she lay dressed on the bed (after one hour and a half),[51].—Frequent dejections of dark coffee-colored stools,[47].—Several stools of natural color and consistence (second day),[42].—[1000.] Two liquid stools in quick succession, in the morning, followed after some minutes by burning in the anus (eighteenth day),[35].—For a long time after the proving there were two daily evacuations of the bowels, the first normal and the second diarrhœa-like,[26].—Stool twice during the day, in the morning and also after dinner, very unusual; the evacuation was scanty and not thin (fifty-fifth day),[35].—Pasty stools, followed by a sensation as if too little had been passed (thirty-sixth day),[23].—Pale, slate-colored stools,[20].—Scanty, pale, clay-colored stools, sometimes twice a day,[1].—Violently urgent desire for stool woke her at 6 A.M.; she was unable to reach the closet soon enough; the watery contents of the intestines spurted from her; such violent tenesmus followed that she was unable to rise from the stool (second day),[30].—Semiliquid stool, after rising in the morning, followed by some griping in the intestines (one hundred and second day),[35].—Urging to stool for the third time, only a scanty evacuation, at most a spoonful of liquid, which, however, seemed to relieve the discomfort in the abdomen, in the forenoon (ninety-fifth day),[35].—A profuse evacuation, whereby the abdomen was very much relieved, was followed after an hour by complete disappearance of the pain, which, however, returned after dinner (one hundred and sixteenth day),[35].—[1010.] Copious loose stool,[1].—Copious thin stool, without griping, tenesmus, or other painful sensation, about 11 A.M.; some time after the stool an uncomfortable feeling in the abdomen, with distension and slight pressure in the anus; after dinner renewed desire for stool, but only emission of flatulence (sixty-ninth day),[35].—Copious dark-colored evacuation, with tenesmus (fifth day),[2].—One loose passage (eighth day),[6].—Soft stool, followed by burning in the anus (fifty-third day),[35].—Pasty stool (sixth day),[35].—Stool immediately after rising in the morning (an unusual time), followed by a feeling of soreness in the anus (fifty-ninth day),[35].—**Hard evacuation, followed by burning and pressure in the anus*, in the morning (ninety-first day),[35].—Stool very hard, lumpy (twenty-second day),[31a].—**Stool scanty, lumpy, followed by burning in the anus* (eighth day),[35].—***Constipation.*** [1020.] Disposition to constipation, and then symptoms aggravated,[22].—Constipation; no stool (seventh and eighth days); hard, unsatisfactory evacuation (ninth day),[26].—Constipation, with pain across the loins,[22].—Periodic constipation occurring every three months,[22].—Generally costive,[22].—Bowels habitually costive (reaction?),[52].—Bowels always costive,[22].—Evacuation of the bowels difficult and painful; fæces extremely hard,[23].—Evacuation of the bowels hard and infrequent, accompanied by

protrusion of the rectum, lasting fourteen days after the proving,[34].—Evacuation from the bowels scanty and hard (thirty-seventh day),[23].—[1030.] **Scanty, hard stool, followed by burning in the anus* (thirty-fourth day),[35].—Hard, unsatisfactory stool in the morning (ninety-second day),[35].—Evacuation of the bowels towards noon extremely difficult, hard, and unsatisfactory (fifth day),[26].—Evacuation of the bowels suppressed (fourth day),[26].

Urinary Organs.—Urethra. Escape of prostatic fluid at stool (fifth day),[2].—Burning in the urethra, in the forepart of the penis, when urinating and for a long time afterwards,[25].—Burning in the bulbus urethræ, both when urinating and when not (twenty-seventh day),[35].—Burning in the navicular fossa of the urethra while urinating (fifteenth day),[35].—Acute drawing from the perineum into the urethra (ninety-fifth day),[35].—Sticking pain in the prostate gland, extremely violent and preventing walking, in the afternoon,[25].—[1040.] Transient stitches in the urethra, especially after urinating (third day),[26].—Occasional smarting during micturition, which lasted two days (after fourth dose),[2].—Irritation at the orifice of the meatus urinarius (male). "N——n."†—***Micturition.*** Frequent desire to pass urine,[22].—Constant urging to urinate the whole day without change in the quantity or color of the urine,[25].—Frequent micturition, with slight burning after urinating (eighth day),[2].—Frequent emission of very watery but very strong-smelling urine; woke him during the night, contrary to habit (twentieth night),[31].—Some time in passing urine (third day),[2].—Did not pass a drop of urine (second day),[42].—***Urine.*** High-colored urine (third day),[2].—[1050.] *Urine red*, with pain across back,[22].—Urine scanty,[49].—Scanty urine, with white film and whitish deposit,[1].—At times, for about a week or a fortnight, he has scanty, high-colored urine and pain across the loins,[22].—Urine scanty, high-colored, and deposited a pearly-white sediment,[3].—*Scanty reddish urine* (with pain in region of kidneys, etc.),[22].—Urine of a brownish hue,[22].—The urine passed during the night was turbid, and deposited a copious sediment (thirty-sixth day),[35].—The urine was turbid in the evening, and deposited a thick mucous sediment (eighteenth day),[35].—Urine deposits a mucous sediment (twenty-first day),[35].

Sexual Organs.—[1060.] Erections lasting over half an hour,[25].—Slight pain in glans penis, which lasted two days (after fourth dose),[2].—Painful sensation as though the penis were constricted at the root, after waking in the morning,[25].—Itching on the glans penis and in the rectum, in the evening (ninth day),[32].

Respiratory Organs.—Larynx, Trachea, and Bronchi. Seized with bronchitis soon after coming to the works, which continued in a chronic form for months,[22].—Accumulation of mucus in the air-passages (twenty-third day),[26].—Accumulation of mucus in the larynx, obliging hawking,[25].—Accumulation of mucus in the bronchi, and also in the nose, without real catarrh (sixteenth day),[31].—Great accumulation of mucus in the larynx and air-passages, in the morning,[25].—Profuse secretion of mucus in the air-passages, in the morning,[25].—[1070.] Ulceration and necrosis of the cartilages of the larynx,[53].—Sense of dryness in the bronchia (immediately, first day); on waking in morning (second day),[8].—Pressure in the larynx, aggravated by talking; speech refused its service (first day),[29b].—Soreness in larynx, on waking in morning (thirty-first day),[8].—Scraping in the larynx with hoarseness; after disappearing it frequently returned for a moment, the hoarseness constantly increasing,[25].—Pain, as of ulceration in

† "N——n" ought to denote Norton, but the symptom is not in his daybook.

the larynx (fourth day),[2].—At dinner, after swallowing the first few mouthfuls, great tickling in the larynx, which went off on eating more (fourth day),[2].—Roughness in the larynx after rising in the morning, obliging frequent hawking (forty-eighth day),[35].—Feeling of irritation in the larynx, causing to hawk up mucus; in the morning (third day),[2].—Irritation to cough (twenty-second day),[26].—[1080.] Irritation to cough and expectoration of thick white mucus (thirty-first day),[26].—Tickling in the larynx, extending into the mouth and ears (followed by a sensation of pressure), (first day),[29b].—Tickling provoking cough (twenty-third day),[26].—Tickling in larynx, causing cough and clearing of the throat (after first dose),[2].—Much tickling in the larynx provoking short dry cough; tickling in the larynx was constant, and at times provoked cough or hawking (fifth day),[29b].—***Voice.*** Hoarseness and irritation to cough,[25].—**Hoarseness and accumulation of mucus in the larynx, in the morning*,[25].—Hoarseness and dry cough in the evening,[25].—Great hoarseness on waking in the morning; increasing until noon, somewhat less after eating, then again becoming worse, with at times scraping in the larynx, with hawking of thick bronchial mucus during the whole day,[25].—Great hoarseness with pressure and scraping in the larynx, on waking in the morning, continuing to increase till late in the evening, when there was hawking of mucus, and still later burning in both eyes,[25].—[1090.] Sudden excessive hoarseness and roughness of the voice in the evening,[25].—*Rough hoarse voice (twenty-second day),[26].—***Cough and Expectoration.*** Cough, causing pain in middle of sternum, darting through to between the shoulders (third day),[2].—Cough after meals,[22].—Occasional cough caused by irritation in the trachea (seventy-first day),[35].—Frequent short cough early in the morning and during the whole day (fourth day),[29b].—Hacking cough and hoarseness in the evening,[25].—Hacking cough caused by irritation in the air-passages (fourth day),[26].—Dry cough in the afternoon (one hundred and thirteenth day),[35].—Frequent sudden irritation to cough, followed by dry and difficult cough lasting some minutes,[25].—[1100.] Dry hacking cough, with stitches in the chest,[25].—Dry hacking cough and hoarseness, in the evening,[25].—Constant irritation to cough with dry hacking cough, during the whole day,[25].—Sudden irritation provoking a dry hacking cough, in the evening,[25].—Short dry cough a few times in the evening (one hundred and tenth day),[35].—Frequent, short, dry cough (thirty-ninth day),[35].—Dry tickling cough day and night; during the cough, pressure in the middle of the sternum extending up into the larynx and as far as the hyoid bone; when she coughed violently there was a taste of blood in the mouth; the paroxysms of cough were repeated very frequently, often every ten minutes; during the cough she frequently complained of pressive pain in the middle of the sternum and in the throat above the larynx in the region of the hyoid bone (sixth day); the cough continued several days, and was at last accompanied by expectoration coming from deep in the lungs, and having a sweetish, purulent taste and yellow color,[29b].—Cough and sputa at intervals, about 4 P.M. (thirty-first day),[8].—*Cough, with expectoration of mucus*, a few times during the day,[35].—Cough, with expectoration of thick mucus (forty-ninth day),[35].—[1110.] Cough in fits, lasting for ten minutes, from tickling at the bifurcation of the bronchi, with expectoration of reddish mucus,[22].—Cough caused by tickling in the larynx, with copious expectoration of thick lumps of bluish-white mucus (thirty-second day),[26].—Cough begins on waking in the morning; sputa free and thick, transparent, of a slaty color (thirty-first day),[8].—Cough, with expectoration of thick, yellow mucus, the sputa containing traces of

blood (third day),[2].—Cough occasionally during the day, with dense, transparent, small, lumpy sputa, easily expectorated (thirtieth day),[8].—**Cough* (with dyspnœa), *especially in morning*, **with expectoration of white mucus "as tough as pitch," and which could be drawn out into strings,**[22].—Hard cough, with weight and soreness in the chest, and copious expectoration,[22].—Hard, dry cough, which lasted six weeks, when expectoration of dark gray mucus of the consistence of white of egg came on (after two weeks),[22].—Irritation to cough, with short hacking cough and *expectoration of tenacious white mucus* (second day),[26].—Occasional short hacking cough, *with expectoration of tenacious mucus* (third day),[26].—[**1120.**] Frequent short hacking cough, which loosens lumps of tenacious mucus, followed for a short time by sensitiveness of the larynx, in the morning (nineteenth day),[35].—Very peculiar cough; it seemed as though an acid and acrid liquid flowed from the choanæ over the curtain of the palate, uvula, and posterior wall of the pharynx, and provoked cough; this tickling cough frequently recurred during the fourteenth and fifteenth days, and also once at night.—The tickling cough reappeared (eighteenth day), and was followed by expectoration of bright-red blood in six or seven paroxysms; I was unable to tell from the sensation whence the blood came; the lungs were free on deep inspiration, and the pulse not feverish; on account of this I took *Phosphorus*, and the spitting of blood did not return that day,[34].—**"Stuffing" cough with pain at the chest, and expectoration of yellowish heavy tough matter,*[22].—Chronic loud cough from "stuffing" at the epigastrium, chiefly on waking in morning; he has then a fit of coughing and expectoration of tough mucus, with lightness in the head,[22].—**Cough, with expectoration of yellowish-green tough matter,*[22].—Cough, at first dry, but speedily followed by expectoration of dark-colored very tough mucus,[22].—A feeling of anxiety and warmth in the præcordial region woke me at 11 P.M., soon after which I expectorated rather a large amount of blood, with short paroxysms of cough and rattling in the air-passages; this cough and expectoration of blood were repeated regularly every two hours during the next twenty-four hours; the whole amount of blood was half a pound; it was always bright red, never mixed with mucus, and always expectorated easily and without exertion; next day the posterior wall of the pharynx was dark-red, glistening, swollen, injected with small bright-red vessels, and in the middle, somewhat to the left, a small fissure from which much blood issued (on account of this I took Hyoscyamus, which with a generous use of milk completely restored me); during this time, however, there was frequently felt on swallowing a sensation as though a morsel of dry food were sticking in the throat; also I frequently became suddenly hoarse, and then felt a scraping on the posterior wall of the curtain of the palate and in the choanæ; frequently tenacious mucus was drawn from these parts; it was difficult to loosen, and when loosened had a metallic taste; also I experienced boring, drawing pains in the bones of the upper and lower extremities (as often as these appeared the troubles in the throat were relieved, and *vice versa*),[34].—*Expectoration of mucus*,[35].—Expectoration of thick mucus (one hundred and thirteenth day),[35].—**Expectoration of tough light-colored sputa* (after oppression at pit of stomach),[22].—[**1130.**] ***Expectoration of very tough mucus, so viscid that it drew in strings down to the feet,***[22].—Frequent expectoration of thick mucus (sixty-first day),[35].—**Frequent hawking and expectoration of tenacious, yellowish-white mucus, which accumulates in large quantities in the air-passages, followed by relief of the hoarseness,*[25].—Copious expectoration of pasty mucus (fifth day),[26].—Easy, copious expectoration of white

mucus of a salty taste (fourth day),[26].—Hawking of thick mucus, with sensitiveness of the larynx and trachea, in the morning (one hundred and eleventh day),[35].—***Respiration.*** Fetid breath,[1].—Respiration rapid,[52].—Shortness of breath, as if something was tied round the upper belly, so that he could not take a deep breath, equal in all positions and circumstances, without cough or pain in chest,[22].—Oppression of breathing (one hundred and twenty-first day),[35].—[**1140.**] Breathing somewhat difficult (0.12 gr.),[57].—**Dyspnœa*,[22].—Dyspnœa, especially in morning,[22].—Dyspnœa in sleep,[22].—Dyspnœa with much cough and expectoration of black tough mucus, difficult to detach,[22].—Slight dyspnœa, on rising in morning, as if the mucous membrane of the bronchi were thickened (tenth day),[8].

Chest.—Chest painful on deep inspiration,[31b].—Pain in the left chest, in the region of the seventh rib; next day, the place was sensitive to touch (twenty-fifth day),[35].—Slight pains in chest,[22].—Slight pain in right chest, penetrating to back, in evening (ninth day),[6].—[**1150.**] The pains in the thorax become so severe that he is scarcely able to turn over in bed or take a few steps on account of the aggravation of the pains in the muscles and bones, all the latter of which seem to be broken; the next day these pains extend over the whole cervical region, and he is unable to turn the head or move the arm upward without greatly increasing the pains; respiration was very much impeded; these symptoms decreased very much from day to day (fifth day after last dose),[36].—Sudden attack of violent burning pain as from a deep knife-cut in the centre of the chest, so severe that it compels him to throw away everything and to compress the chest firmly with both hands. After remaining quiet for two minutes the pain gradually diminishes, but returns with increased violence on every attempt to go on with his work. It begins on both sides under the clavicle, and extends over the whole chest down to the region of the lower ribs, but is most severe in the centre of the chest; the pain is somewhat like the burning felt when walking against a cold wind, but is not only burning but sharply cutting. Deep breathing increases the pain slightly, although the pain forces him to respire deeply. Warmth relieves the pain, without removing it. These pains in the chest keep on till noon, sometimes lasting for a quarter of an hour, then decreasing steadily on taking some warm soup,[40].—Tension in the left chest, rather externally, while walking in the evening (seventeenth day),[35].—Feeling of tension and constriction in the chest (seventy-ninth day),[35].—Tightness of the chest,[25].—Tightness of the chest, coming from the stomach; fasting in the evening (eighteenth day),[35].—Tightness across chest (after two weeks),[22].—Feeling of tightness across the chest; this tension lasted the whole forenoon but disappeared at noon (eighty-fourth day),[35].—Pressive-pinching sensation in the upper portion of the right lung, which on violent motion increased to a sticking pain; next day, the sticking pain increased to such a degree that I was obliged to incline, in walking, to the right side, and take short steps, in order to avoid the sticking pain,[27].—Dull pain in the region of the clavicle (twenty-third day),[26].—[**1160.**] Dull circumscribed pain in right chest, aggravated by inspiration (after fourth dose),[2].—Pressure upon the chest, which takes away the breath and causes extreme anxiety, at night (seventeenth night),[26].—Pressure on the chest, especially beneath the sternum, frequently in forenoon (one hundred and twenty-first day),[35].—Pressure in a small spot in the upper lobe of the right lung, which afterwards changes to a drawing pain along the whole length of the right chest, internally, lasting half an hour, in the forenoon (ninety-ninth day),[35].—Pain consisting of pressure

and sticking in a spot as large as a dollar in the region of the left seventh rib, feeling as if in the costal pleura, in the evening (twenty-fourth day),[35]. —Distressing pressure across the chest, with anxiety from time to time (twenty-fourth day),[26].—Pressive pain in the chest, in the region of the heart (ninety-third day),[35].—Violent pressive pain on the chest, as from a hundredweight, awoke him from sleep about midnight, after which he was unable to fall asleep before daybreak (eighteenth day),[26].—Oppression of chest,[22]; (fourteenth day),[23].—Oppression of the chest, especially pressure beneath the sternum (one hundred and seventeenth day),[35].—[**1170.**] Oppression and sticking in the lower portion of the chest on deep inspiration (thirty-fifth day),[35].—Oppression and dyspnœa (after two weeks),[22].—Great oppression in the chest, especially in the region of the bifurcation of the bronchi, compelling him to take a deep breath with the aid of the pectoral muscles, during the night,[25].—Severe sharp pains about the chest (twenty-seventh, twenty-eighth, and twenty-ninth days),[8].—Dull sticking on the right side of the border of the thorax, in the hepatic region, aggravated neither by deep inspiration nor by motion, continuing till afternoon, when it disappeared (forty-seventh day),[35].—Sticking pains in the chest, in the evening,[25].—Severe stitches beneath one of the pectoralis major muscles, and at another time in one of the intercostal muscles,[25].—Transient stitches shooting through the chest, especially in the right side,[25].—Frequent fine irregular stitches in the integuments of the chest, unconnected with respiration or palpitation,[1].—Soreness of chest,[22].—[**1180.**] Dull pain in the whole chest as if sore (twenty-fourth day),[26].—Chest somewhat sensitive, especially in the region of the nipple, in the evening (ninety-seventh day),[35]. —Persistent feeling of dryness and rawness in the lungs, in the evening,[25]. —Slight transitory pain in middle of lung, on waking at midnight (first hour after second dose),[2].—***Front.*** Fixed burning pain in middle of sternum (after fourth dose),[2].—Tension in the anterior wall of the thorax, at times on deep breathing (fifty-sixth day),[35].—Pressure and burning in the chest, in the forepart, in the region of the fifth and sixth left ribs, feeling as if in the costal pleura, lasting two hours; in the evening a similar sensation, but less severe, on the right side beneath the axilla (fifty-fifth day),[35]. —Pressive pain beneath the sternum (fifty-sixth day),[35].—Sudden sticking in the inner surface of the breast-bone,[25].—Slight stitches in the inner surface of the sternum, in the forenoon (one hundred and ninth day),[35].—[**1190.**] Painful spot somewhat to the right of the centre of the breast-bone (fourteenth day); on the next day unpleasant stitches in the same place, lasting three days,[23].—A point towards the middle and left of the sternum painful on pressure (third day),[2].—***Sides.*** Constant pain in chest, under left axilla (fourth day),[2].—Rheumatic pains between seventh and eighth ribs, at their angles on the right side, increased by raising or twisting the body to the left,[9].—Tension in the right half of the chest, at the insertion of the pectoral muscles (one hundredth day),[35].—Drawing tension and dull pain in the right side of the chest, aggravated by going upstairs and by deep breathing,[25].—Dull, heavy pain in right side of chest, passing through to the back, continuing and passing off at intervals of twenty minutes (after one hour, second day); similar tearing pain, but less violent, and lasting only a short time (after three hours, third day); slight return of pain, in evening (fifth day),[6].—Aching in the lowest ribs of the right side, lasting two days,[31b].—Pressive pain in the pectoral muscles, beneath both axillæ, transient (sixty-sixth day),[35].—Dull pressive pain in the region of the three last true ribs of both sides, aggravated by deep inspiration,[25].—

[1200.] Sharp pain in left side, between the hips and last vertebra (after one hour and a half, eighth day),[6].—A sharp shooting pain in the left side of the chest, that around the navel having disappeared by this time (after six hours, second day),[6].—Sticking in the right side of the chest,[25].—Acute tearing-sticking pain in the whole left side of the chest, extending from the axilla to the flank, rather superficial, feeling as if in the costal pleura, in the morning on waking, lasting half an hour (fifty-seventh day),[35].—Stitches in both sides of the chest (one hundred and second day),[35].—Transient superficial stitches in the right side of the chest (seventieth day),[35].—Stitch in right side (twenty-first day),[8].—Acute and severe stitch in the side for a moment (fourteenth day),[8].—***Mammæ.*** Transient pains in right mammæ (third day),[8].—Transient darting pain in the mammæ (female),[14].—[1210.] Stitches in the region of the left nipple; after a few hours they disappeared but were renewed on deep inspiration, in the forenoon (seventy-fourth day),[35].

Heart and Pulse.—Præcordium. Dull, cold, heavy pain at cardiac region, with tightness in chest and dyspnœa,[18]; (45 drops, third day),[5].—Cramp in the region of the heart,[46].—Pressive pain in the heart, with a peculiar aching in it (thirteenth day),[35].—Pressive pain in the heart, several hours after dinner (seventeenth day),[35].—Pressive pain in the region of the heart, lasting a quarter of an hour and preventing sleep (ninth day),[26].—Distressing pressive pain in the region of the heart, accompanied by transient attacks of palpitation and anxiety (thirty-second day),[26].—Distressing pressive pain in the heart for an hour, in the evening (twelfth day),[35].—Sharp irritative fixed pain in region of apex of heart, unaffected by respiration or position,[1].—Sticking in the region of the heart,[35].—[1220.] Darting pain in præcordium (after fourth dose),[2].—***Heart's Action.*** On pressing upon the region of the heart there seemed to be a trembling of the heart, like an oscillating motion, disappearing after awhile (one hundred and twenty-sixth day),[35].—Violent palpitation of the heart, with dull, pressive, distressing pain in the region of the heart, while in bed (eighth day),[26].—***Pulse.*** Pulse accelerated, rather full, 100 (reaction?),[52].—Pulse 120, hard and full,[52].—Pulse 120, small and sharp,[54].—Pulse irregular, small, contracted (fourth day),[30].—Pulse very weak (after one hour and a half),[51].—Pulse very weak and fluttering,[45].—Pulse exceedingly feeble,[52].—[1230.] Pulse small and exceedingly depressed, so much so that I felt a little alarmed at his state,[46].—Pulse scarcely perceptible,[52].—Pulse scarcely perceptible; filiform and very slow (0.12 grains),[57].

Neck and Back.—Neck. Stiffness in the nape of the neck (sixth day),[26].—Stiffness of the nape of the neck (third day),[26].—Transient stiffness of the nape of the neck (eighteenth day),[26].—Sensation of stiffness in back part of neck, when bending head downwards (after three hours and a half, third day),[6].—Pain in sides of nape of neck and left shoulder, on waking in morning (thirty-first day),[8].—Woke in the morning with drawing in the sheaths of the muscles, here and there, in the neck, back, and extremities, disappearing after rising (fifty-second day),[35].—Tearing pain on the slightest motion of the neck (third day),[26].—***Back.*** [1240.] Pain across back (with red urine),[22].—Pain in back, extending from lumbar region to nape of neck, striking through to the sternum,[22].—Tension in the muscular aponeurosis of the back, especially noticed on bending forward or moving the arms (thirty-eighth day),[35].—Aching pain in back, running down on the left side into the hip,[22].—Drawing in all the muscles on the back, extending into the upper arms, loins, small of the back, and even

into the thighs (thirty-ninth day),[35].—Dull pressive pains in different parts of the back, going off in the evening,[1].—Shooting pain in back and region of kidneys (second day),[42].—***Dorsal.*** A peculiar undulating contraction in the dorsal muscles of the right side on sitting down after active physical exertion (thirty-first day),[35].—Transient dull pain under the right scapula (fourth day),[2].—Deepseated, dull shooting pains under the scapulæ, at night (sixth day),[1].—[**1250.**] Aching at inferior angle of right scapula,[22].—Deepseated aching at upper angle of left scapula,[1].—Drawing pain in the left scapula, left upper and forearm, extending into the hand and thumb, especially affecting not so much the joint as the bone, completely disappearing on moving the arm (after three hours),[26].—Uncomfortable pressure in the back, between the shoulder-blades (thirty-ninth day),[35].—Dull pressive pain in right side of spine, about the ninth dorsal vertebra, with uneasiness in stomach (eighth day),[1].—Transient acute pain at base of left scapula (sixth day),[8].—Stabbing pain from the third cervical to the fifth dorsal vertebra, striking forward through the chest to the sternum, increased on motion, with inability to straighten the spine after stooping; it prevented him from working for six weeks,[22].—Transient stitch at inferior angle of left scapula, then a similar pain in the toe,[9].—On scapula and back, twitching, as if a liquid were dropping about on the flesh; it pulsates in sharply defined movements, like the key of a telegraph,[40].—***Lumbar.*** *Pain in the small of the back*, especially in morning,[35].—[**1260.**] Pain in the small of the back, in the forenoon while walking, recurring by paroxysms with considerable violence, so that for a moment walking was difficult, then it would disappear; afterwards it was felt at the moment of sitting down, but was less felt while sitting; in the afternoon it disappeared entirely and gave place to drawing pains in the lower leg, which also disappeared in the evening; late in the evening there was again pain in the small of the back (one hundred and fifteenth day),[35].—Pain in loins, felt most on stooping (fourth day),[2].—Pain across the loins, he cannot straighten himself after stooping,[22].—At times, for about a week or a fortnight, he has pains across the loins and scanty high-colored urine,[22].—Dull pain in lumbar region, aggravated by motion (third day),[2].—Occasional attacks, lasting about a week, of aching pain in the region of the kidneys, extending to the groins, worse after rest, with scanty reddish urine, nausea, and impaired appetite,[22].—Dull aching pain in loins,[22].—Severe pain in lumbar region, extending into the sacrum and down the thigh; at first, an aching pain, increased to a numbed sensation; the pain increased to such a degree that he could hardly rise from his chair; it continued for three days, and gradully decreased in severity (in about six or eight hours after 10, 20, and then 60 gtts., in the same day),[3].—Drawing pain in the small of the back and left shoulder, afterwards drawing behind the left ear, soon disappearing, in the morning (one hundred and second day),[35].—Pain, like a sprain, in the lumbar region, felt on motion (fifth day),[2].—[**1270.**] Darting pains in renal region (after fourth dose),[2].—Sharp, shooting pains, first in the left, afterwards in the right renal region, extending down the thigh, aggravated by motion (fourth day),[2].—Sticking in the left loin and groin, after a meal,[25].—Was seized with pain like a knife through the loins, suddenly, so that he could scarcely walk in the afternoon; was with difficulty helped home, and had great pain all night, and could not sleep all night more than an hour for the pain, that continued even when still, but greatly worse on moving or turning; got some nitre and was somewhat relieved, so that he could go back to work next day, but remained with pain in back and

scanty urine for a fortnight,[22].—Severe stitch in the lumbar region, aggravated by inspiration and coughing,[2].—***Sacral.*** Pain in the sacrum and coccyx, in the morning, lasting an hour (one hundred and fifth day); reappearing during coition, in the morning (one hundred and seventh day),[35].—Pressure in the sacrum, especially troublesome in walking (one hundred and forty-seventh day),[35].—Drawing and pressive pain in the sacrum, in the morning on waking, and after rising (eighty-third day),[35].—Cutting pain on outer left side of the sacral bone, shooting up and down (eighth day),[2].—Peculiar pain in the sacrum, as after a hard blow, at noon while sitting, disappearing after half an hour (one hundred and fourteenth day),[35].—[**1280.**] Pain in the coccyx, on waking in the morning,[35].—Pain in the coccyx, on waking in the morning, which afterwards disappeared, but returned towards evening, and was especially severe when after long sitting I rose to urinate, when it extended into the urethra, and obliged me to bend the body forward while urinating; after half an hour it disappeared (one hundred and third day),[35].—Pain in the coccyx, immediately after rising (ninety-ninth day),[35].—Pain in the coccyx, with burning in the nose, at noon (eighty-sixth day),[35].—*Pain in the coccyx, while sitting,* especially distressing, lasting the whole forenoon (ninety-sixth day),[35].—Pain in the coccyx, aggravated by walking and by touch, seeming to be seated in the bone (eighty-fourth day),[35].—Pressive pain in the coccyx, after rising in the morning (ninety-third day),[35].—Acute pressure in the coccyx, lasting an hour in the evening (ninety-fifth day),[35].

Extremities in General.—Objective. Cracking in the joints (twenty-third day),[26].—Audible cracking in the joints (sixth day),[26].—[**1290.**] Violent audible cracking, on slight motion of the wrists, ankles, and spine (third day),[26].—Loud cracking in various joints (eighteenth day),[26].—Loud cracking, on moving the extremities, or joints of the spine (twenty-second day),[26].—Unusually loud cracking, on moving the joints of the extremities and vertebræ (thirty-first day),[26].—Weariness in the limbs,[25]; (twentieth day),[31].—Weakness of all the extremities (second day),[31a].—Prostration of the limbs, in the evening,[25].—***Subjective.*** Pains in the joints (twenty-first day),[8].—Pains in shoulders, arms, finger-joints, hips, and knees (twenty-third day),[8].—Rheumatic pains in nearly all the joints (twenty-fourth day),[8].—[**1300.**] Rheumatic pains in the right hip and left elbow (thirtieth day),[8].—Cramps in the limbs,[55].—Drawing in the limbs (twenty-first day),[35].—Drawing in various places in the long bones (one hundred and twenty-eighth day),[35].—Drawing in the forearms and lower legs (twenty-first day),[35].—Drawing on the backs of the hands and feet,[27].—Drawing and jerking in various muscles in the thigh and upper arm, in the evening,[25].—Violent drawing and boring pains in the bones of the left thigh and left upper arm, lasting several minutes and suddenly disappearing (third to ninth days),[34].—Dull drawing pains in various joints of the upper and lower extremities, most severe in the right ankle (thirteenth day),[26].—Dull drawing pain in left hip-joint and left upper arm from shoulder-joint to elbow (thirty-second day),[36].—[**1310.**] Dull drawing pain in the left arm and in both lower extremities, becoming more violent in the right foot, and especially tearing, extending into the great toe, where it was most violent (second day),[26].—Tearing-drawing pain in right tibia, right ankle, and wrist, in various phalanges, especially in both thumbs, transient, suddenly changing about (twenty-second day),[26].—Rheumatic pains (or, as the workmen expressed it, "it got into the bones"), shooting and pricking in all the limbs, worse in the morning,[22].—Shooting and pricking pains in all the

limbs in the morning; he is stiff all over, and can hardly move,[22].—Tearing in the long bones of the extremities,[35].—Tearing in various joints, especially in the right wrist and finger-joints of the same hand (ninth day),[26].—Tearing in the hands and feet at intervals, in the afternoon (twenty-fifth day),[35].—Tearing in right tibia, and on back of right foot and corresponding ankle, also especially painful in the thumb, on the back of the hand, and in several phalanges of the right hand (thirty-second day),[26].—Tearing pain in right tibia and right ulna, on waking in the morning (twenty-fourth day),[35].—Tearing pain in the ankles and wrists (twenty-seventh day),[35].—[1320.] Slight tearing in the hands and feet (twenty-fifth day),[35].—Violent tearing in right tibia and various joints of fingers of both hands, so violent in right thumb that he was disabled from writing for more than an hour (twenty-third day),[26].—Transient tearing and stitches in the right axilla and posterior surface of the left thigh (eighth day),[35].—Short tearing pains in the extremities, especially in the anterior portions towards the hands and feet (sixty-sixth day),[35].—Wandering tearing pains in various joints of the upper and lower extremities, now in the hip, now in the knee-joints (seventh day),[26].—Dull tearing in various joints, with cracking in them on motion, frequently returned after the proving,[26].—Wandering dull tearing pains in various parts of the extremities (thirty-third day),[26].—Drawing tearing in the right thumb, right tibia, and corresponding great toe (after two hours, thirty-first day),[26].—Drawing-tearing pains in various parts of the upper and lower extremities, in the right ankle, especially violent in the right great toe and the corresponding thumb (eighteenth day),[26].—Acute tearing pains in the lower legs and feet, and also in the forearms and hands; these pains were very peculiar; they recurred in paroxysms and were not diffused, but seemed to be confined to one fibre, as if a single nerve were suddenly torn, on waking in the morning (twenty-seventh day),[35].—[1330.] Bruised pain in the upper and lower limbs (tenth day),[26].—Bruised pain in the upper and lower limbs, very violent; and tearing in the right wrist and ankle, aggravated by motion (tenth day),[26].

Superior Extremities.—Objective. The arms swelled, became painful, red, and inflamed as far as the shoulder (after three days),[22].—Weariness and weakness of the arms (third day),[29b].—***Subjective.*** Feeling as though the right arm had fallen asleep or were paralyzed, disturbing sleep (ninth day),[26].—Drawing in the bones of the arm (ninety-third day),[35].—Tearing and gnawing in the bones of the right arm and in the thumb and index finger of the right hand; some indications of the same pain in the left hand; in the forenoon (ninety-first day),[35].—Drawing-tearing pain from time to time in the joints of the upper extremities; these pains suddenly change their places (twelfth day),[26].—Acute tearing pain in the bones of the arm, especially in the vicinity of the elbow and wrist (one hundred and twenty-sixth day),[35].—***Shoulder.*** The axillary glands suppurated but did not break (after three days),[22].—[1340.] Pain in the right shoulder-joint on moving it, and at other times also a sensation as though the joint were separating from its attachments (though without any tearing here or in other parts), (fourth day); the disagreeable sensation in the arm increased, after prolonged inactivity of the extremity, to a stiffness, which was painful even if no attempt was made to move the arm, but it was increased to a high degree on raising the arm (eighth and ninth days); the pain in the arm was much worse, especially if the arm was bent at the elbow and drawn somewhat backward and outward, as for example, when putting on the clothes (fourteenth day),[23].—Rheumatic pains in both shoul-

ders, worse at night,[22].—Rheumatic pain in shoulder and elbow on motion, with numbness from shoulder to elbow (after four hours, third day),[6].—Violent tearing-aching pain in left shoulder,[1 22].—Paralytic drawing in the right shoulder (forty-ninth day),[35].—Pressive pain in the left shoulder, extending thence into the left chest, aggravated on moving the arm, especially on raising it (seventeenth day),[35].—Tearing in the right shoulder, afterwards in the left elbow and forearm, transient, while the other pains continue into the night,[25].—Paralytic tearing on the top of the right shoulder (twenty-sixth day),[33].—At night, soon after lying down, tearing pains in the shoulder and upper arm, on the side not laid upon; on turning, the pain went to the other arm,[1].—***Arm.*** Frequent, sudden, very violent cramp-like pain in the middle of the outer surface of the right upper arm; even after the pain had disappeared the spot remained sensitive (seventeenth day),[23].—[1350.] Sudden tearing and jerking in the right deltoid muscle, in the evening,[25].—Frequent jerking-tearing from the right shoulder to the elbow (eighth day),[35].—***Elbow.*** Pain in left elbow, for several hours (second day),[8].—Pain in elbow-joint (thirty-first day),[8].—Drawing and tearing in the right elbow, extending into the hand and right lower leg, preventing the bending up of the foot, after midnight (eighteenth day),[26].—Darting pain in the outside of elbow-joint (half an hour after third dose),[2].—Shooting pain in left elbow,[2].—***Forearm.*** Pain in a circumscribed spot on the extensor surface of the upper third of the right forearm, more in the muscles and partly in the upper arm; the place is also sensitive to touch (thirty-fifth day),[35].—Burning pain, extending from the middle of the forearm to the wrist, as though the parts had been scalded, lasting two days (after five weeks),[23].—Burning pain in the lower end of the left forearm, though there was nothing visible on the skin; evening (thirty-eighth day),[35].—[1360.] Dull painful sensation in the forearms during the day, though never violent (sixth day),[26].—Drawing in the bones of the right forearm, on the radial side (forty-second day),[35].—Drawing in the aponeuroses of the muscles of the right forearm (forty-fifth day),[35].—Tearing in both forearms; after awhile tearing in the left shoulder (fortieth day),[35].—Tearing in the forearm (twenty-fourth day),[35].—Tearing in the right forearm and right side of the occiput (forty-sixth day),[35].—Tearing pain in the right ulna, on waking in the morning; after a time it disappeared here and appeared in the right tibia; after rising the pains disappeared entirely (sixty-first day),[35].—Acute tearing pain the whole length of the bones of the right forearm (one hundred and seventeenth day),[35].—Throbbing in the left forearm, not corresponding to the beat of the pulse, lasting five minutes (thirty-first day),[26].—***Wrist.*** Dartings in right wrist (one hour after third dose),[2].—[1370.] Severe throbbing-darting pain in the left wrist near the pisiform bone, continuing for nearly half an hour (eighth day),[2].—Cramplike tearing above the left wrist, in the evening (third day),[28].—***Hand.*** Spasmodic contraction of hands shortly before death,[42].—Great weakness of the hands, so that he was unable to hold a paper without resting the hand upon a table,[25].—She let things fall from her hands, with weakness and drawing in the arms and distension of the veins of the arms (fourth day),[30].—Drawing in the left hand, after dinner (one hundred and twenty-first day),[35].—Drawing pain in the left hand, in the forearm, and nape of the neck (forty-seventh day),[35].—Sticking in the metacarpal joints, in the morning on waking,[25].—Violent tearing pain on the radial side of the left hand made me groan (fourth day),[35].—Hands and arms feel bruised and lame (sixth day),[26].—[1380.] Hands felt at the bones as if they had been bruised (45

drops, fourth day),[5].—***Fingers.*** Twitching of the little finger of the left hand (third day),[26].—Both thumbs are especially painful (sixth day),[26].—Violent pain in the thumb, so that I was scarcely able to hold a pen; every motion of the arm or hand increased the pain; externally there was neither redness nor swelling to be seen; this pain lasted during the whole forenoon, and was frequently so violent that I was unable to take my handkerchief out of my coat pocket; it extended to the elbow, without the least external appearance; in the evening the pain was less, the joint still remained sensitive to touch; it almost entirely disappeared the next day (seventy-seventh day),[35].—Painful tension in the extensor surface of the right thumb; this tension diminished towards noon, and was felt only on violent motion of the hand; on pressing on the place where the radius articulates with the metacarpal bone of the thumb the pain was still felt; this spot was sensitive to pressure and on motion throughout the day (seventy-sixth day),[35].—Slight aching pains in the second joints of the fingers of the left hand (eighth day),[2].—Drawing in the right index finger and in the spine, in the evening in bed (first day),[34].—Drawing in the little and ring fingers of the left hand, afterwards in the left side of the face and in the right knee, soon after rising in the morning (eighty-first day),[33].—Drawing pain in the right thumb (fifty-seventh day),[35].—Acute pains in the bone of the first phalanx of the left little finger, so that I was obliged to rub it constantly, which brought relief; this pain was seated in the bone itself, was a gnawing-boring pain, and extended toward the tip of the finger, and lasted an hour, in the evening (one hundred and thirty-first day),[35].†—[**1390.**] Transient but piercing sticking through the bone of the first phalanx of the right middle finger (thirty-eighth day),[35].—Repeated stitches in the metacarpal joints of the right middle finger, towards evening (forty-eighth day),[35].—Tearing in various phalanges of both hands, wandering and transient (twenty-fifth day),[26].—Tearing in the right thumb, afterwards in the left upper arm, then along the arches of the ribs of the left side (seventeenth day),[35].—Tearing pain in the right thumb, lasting through the day with transient intervals (twenty-fourth day),[26].

Inferior Extremities.—Objective. Trembling of the lower extremities (fourth day),[30].—Giving way of the legs, with necessity to sit down,[31b].—***Subjective.*** Sudden transient cramps in the lower limbs and back of the neck (0.12 grain),[57].—Drawing-tearing pain in the lower limbs, especially in the right great toe (third day),[26].—The whole right leg, especially the hip, was sensitive, so that I was unable to lie upon the right side at night; in the morning a burning pain on the inner side of the right lower leg; in the evening, after walking, a very distressing, tensive, drawing pain in the whole right leg (seventy-third day),[35].—***Hip.*** [**1400.**] Rheumatic pains in hip, coming on at night,[22].—Aching pain in right hip-joint (after three hours and a half, third day),[6].—Aching and jerking pains in the hip, felt only in the day,[22].—Drawing pain in the right hip, extending to the knee,[31b].—Pressive pain in the right hip-joint (fifty-fifth day),[35].—Violent pressive pain in the right hip, after dinner (seventy-fifth day),[35].—Drawing-tearing pain in the left hip-joint, lasting a quarter of an hour (thirty-first day),[26].—When sitting, a bruised sensation in the right hip-joint, so that he limps in walking,[40].—***Thigh.*** Pain in the course of the sciatic nerve (twenty-first day),[8].—Sciatica,[22].—[**1410.**] Rheumatic pains in right

† This symptom made me certain that the action of the drug had not yet ceased.—Z.

thigh,[22].—External burning and smarting sensation over the right trochanter major (fourth day),[1].—Feeling of coldness in the right thigh, while the rest of the body was warm (fifteenth day),[35].—Great tension on the anterior surface of the right thigh (fifteenth day),[35].—Sudden tensive pain in the middle of the right musculus sartorius, worse when walking, and especially when ascending steps, relieved when sitting and lying, lasting till he fell asleep,[25].—Drawing pain on the inner side of the right thigh, in the evening (fifty-fifth day),[35].—Darting pain down outside of left thigh (sixth day),[2].—Tearing and drawing in the muscles of the anterior surface of the right thigh (one hundred and fourteenth day),[35].—Transient tearing pain on the inner side of the right thigh and lower leg (seventh day),[35].—Bruised pain in the middle of the right thigh (one hundred and fourth day),[35].—***Knee.*** [1420.] Rheumatic pains in knee and hip-joints (fourteenth day),[8].—Rheumatic pains in knee and chest (twelfth day),[8].—Acute rheumatic pains and stiffness in the knees, without swelling, felt only in walking, and not at night,[22].—Tensive pain in the right knee (twenty-seventh day),[35].—Pain in the left knee, as though it were sprained, on rising from sitting a long time; this feeling lasted the whole afternoon; at times associated with a similar pain in left ankle,[25].—Sharp pain in knee (eleventh day),[8].—Sharp pain in right knee and hip-joints, and left breast and shoulder (tenth day),[8].—Sudden tearing in the left knee, in the evening, very painful, and preventing any motion of the joint, lasting some minutes, and reappearing after half an hour,[25].—Sore pain in the right knee, especially noticed on sitting down and rising up (twenty-second day),[35].—***Leg.*** Heaviness of the right leg (thirty-sixth day),[35].—[1430.] Heaviness of the lower legs, with burning pain in a corn, on sitting down after going into the house (thirty-third day),[35].—Heaviness and tension in the right lower leg (seventh day),[35].—Great heaviness and tension in the right leg, especially in the knee (forty-third day),[35].—Pain in the bones of the lower leg constant, totally preventing rapid walking, almost intolerable on bending the ankle upward (seventh day),[26].—Violent pain in the bones of the lower legs, extending to the ankles, feeling as though the feet had been broken or bruised, intolerably increased on moving the ankles upwards, so that walking was difficult (sixth day),[26].—Burning on the inner surface of the right lower leg (fifty-fifth day),[35].—Burning on the outer surface of the left lower leg, in the forenoon (twenty-fourth day),[35].—Tension and heaviness in the right leg, in the evening, after a long walk (fifteenth day),[35].—Severe tension in the right leg, in the evening (fifteenth day),[35].—Cramp in his legs and thighs,[46].—[1440.] Drawing and tearing in the right lower leg, in the tibia, as if in the periosteum; afterwards in the bones of the right forearm (twenty-eighth day),[35].—Tearing pain from left ham down the leg,[1].—Pain in the bone in the middle of the left tibia suddenly appeared, and after lasting a few seconds suddenly disappeared, but afterwards returned; once this same pain attacked the frontal bone along the left eyebrow, lasting four or five minutes, and did not return (fifth day),[32].—Drawing pain in the right tibia, and drawing in the right hand, in the morning (fifty-first day),[35].—**Tearing in the right tibia* (twenty-fifth day),[26].—Tearing and pinching above the external malleolus of the left foot, as if in the tibia, in the evening (third day),[28].—Bruised pain in spina tibiæ, first in one leg, then in the other (thirty-first day),[8].—A pain came on, in the afternoon, in the tendons of the muscles of the calf, as if stretched, much felt in walking, and causing lameness; it extends up to the ham and down to the tendo Achillis; it continued two days,[1].—Cramp in calves of legs,[52].—Frequent twitches in

muscles of calves of legs,[52].—***Ankle.*** [1450.] A small hard swelling on the inner malleolus of the right foot, only somewhat painful on hard pressure (fifteenth day); this swelling increased, was very hard, and of a rhomboid form, immovable, seemed to be seated on the bone, and only painful on hard pressure (seventeenth day); somewhat decreased (eighteenth day),[23].—Pressive pain on the inner malleolus of the right ankle (forty-eighth day),[35].—***Foot.*** Sudden numbness and crawling in the forepart of the right foot, while sitting (thirty-eighth day),[35].—Paralyzed feeling in the right foot (twentieth day),[31].—Burning of the feet, especially of the soles (one hundred and fourteenth day),[35].—Great painfulness of the forepart of the left foot while walking, as well in a corn as in the hard skin of the great toe, so that I had to limp, and I was sometimes obliged to stand still because of the pain; afterwards while sitting the pain disappeared; in the afternoon, after a long walk, it returned in the foot, but was not so violent as in the forenoon (one hundred and seventeenth day),[35].—Feeling as though the muscles in the sole of the foot were cut across, very decidedly hindering walking, in the right foot (after five weeks),[23].—Soreness in the heels in walking, continued for some days after the proving,[9].—Swelling and pain in the left tendo Achillis; stepping upon the toes is very difficult (this symptom of the foot frequently alternates with that of the arm, see S. 1349); the pain in the foot always diminished after a somewhat prolonged walk, and was less during rest, but afterwards it was always more severe (fifth and eighth days); the pain extended to the right tendo Achillis, so that walking was exceedingly difficult (twelfth day); the left foot was somewhat better, but the right more painful (thirteenth day); the pain disappeared from the left foot, but continued in the right as before (fourteenth day); disappeared entirely (seventeenth day),[23].—***Toes.*** Pains, heat, and throbbing in the toes,[1].—[1460.] Acute gouty pain in ball of right great toe, precisely like the pain in left foot, and succeeding the other after an interval of four or five minutes (fifteenth day),[8].—Acute twinging pain in ball of left great toe, lasting four minutes (fifteenth day),[8].—Painful shooting in the second joint of the great toe, at night, in bed,[9].—Sore pain in the right great toe, in a spot on the inner side where the nail joins the flesh, in the evening (seventy-second day),[35].

General Symptoms.—Objective. Emaciation,[22].—General emaciation (twenty-second day),[26].—Considerable emaciation,[52].—Blood buffed and cupped,[52].—Quite stiff, and could hardly rise in the morning,[22].—Very languid (eighth day),[6].—[1470.] Weariness and exhaustion (eighth day),[26].—Weariness, in evening,[1].—*Great weariness* towards evening,[25].—Unusual weariness while walking in the open air; the limbs feel as heavy as lead, with prostration, indifference, fretful mood, aversion to the usual business, and desire for rest. I experience exhausting warmth, as after great physical exertion; the shortest walk overcomes me, and I always seek a seat, very exhausted, indifferent, and taciturn, am not able to collect my thoughts, distracted, and as far as able I cut short conversation to avoid showing the fact; I seek to be alone and feel better in the open air,[33].—Remarkable weariness in the evening (ninth day),[23].—Weakness of the whole body, especially of the thighs (second day),[34].—Weakness, particularly in the region of the navel (eighth day),[6].—Constant weakness,[55].—Great weakness, lasting till noon,[25].—Weakness, even to sinking down (fourth day),[30].—[1480.] Very decided weakness and sleepiness (though I had walked but little during the day), so great that I was unable to read or write; the eyes closed while sitting, and I nearly fell asleep while eating supper (fortieth

day),[35].—Great weakness, so that he was obliged to give up work,[22].—The attacks of vomiting ceased after a sleep of an hour and a half, but there followed great weakness and exhaustion,[31b].—Such weakness in the morning that he was obliged to lie down again (second day); very much weaker in morning; could scarcely rise, and trembled greatly in making the attempt, but without any increase of pain (third day); the debility increased to such a degree that the patient died sleeping calmly, as if from pure exhaustion (after forty-five hours),[42].—Exhaustion (fourth day),[30].—General exhaustion, especially of the limbs, after rising (fifty-fourth day),[35].—General exhaustion and indolence; afterwards, as I began to work, this indolence disappeared, and I was able to work easily, in the afternoon (ninety-ninth day),[35].—Great exhaustion (twenty-sixth day),[23].—Prostration,[49]; (fourth day),[26].—**Great prostration*,[31b]; (after one hour and a half),[51].—[1490.] Great prostration after the slightest motion,[25].—Great prostration, weakness, and sleepiness, with incessant and distressing yawning (after one hour, twenty-third day),[26].—Great prostration with great excitement, so that I was prevented from falling asleep for an hour; it was a sensation as though I were about to be seriously ill (first day),[31a].—Extreme prostration of strength (with frontal headache, after vertigo), (30 gtt., 1st dil.),[16].—Quite prostrate (after half an hour),[46].—Very prostrate,[45].—Very uneasy, rolling over, tumbling about, and extremely nervous, for an hour (after one hour),[50].—***Subjective.*** Very sensitive to the cold air, in the afternoon (eighth day),[35].—Moderately cold air was very distressing, so that I hurried to get into a warm room, where contrary to habit I had a desire for beer, which relieved me (third day),[35].—Almost complete insensibility,[52].—[1500.] Great venous excitement at times; paroxysmal, with great uneasiness, in the forenoon (one hundred and thirty-second day),[35].—(Given in small doses, such as 0.05 or 0.10 of a gramme, it is an immediate irritant of the alimentary canal; it gives rise to retching, vomiting, sometimes diarrhœa, loss of appetite, difficulty in breathing, and slowness of the circulation; in larger doses it produces all the symptoms of subacute gastritis; there is urgent thirst and spontaneous and difficult vomiting, which is excited by the mildest beverage; the ejecta are mucous, bilious, yellow, and sometimes bloody; at the same time the extremities become cold, there is dyspnœa, great anxiety, loss of appetite, repeated efforts to vomit; then the breathing becomes stertorous, and death is preceded by a state of utter prostration),[56].—A peculiar sensation through the whole body; it seemed as though an acridity, an impurity, or diathesis, or (what would be an intelligible word to most of us), as if psora had been aroused by this drug, and was giving rise to all my symptoms (seventy-seventh day),[35].—Great disinclination for exertion, lasting for four hours (after fourth dose),[2].—Great disinclination to rise from bed and move about (tenth day),[26].—Desire to rest and sleep; lying down for an hour put an end to the suffering (eighth day),[26].—Feeling of great weariness over the whole body, especially the lower extremities (thirty-fourth day),[35].—Felt weak and was obliged to lie down, almost immediately,[51].—*General discomfort*, with uneasiness in the morning (one hundred and ninth day),[35].—Great discomfort after rising, a prostration especially felt in the extremities (forty-ninth day),[35].—[1510.] Indescribable sensation of general discomfort (thirty-first day),[26].—Health gradually declined,[22].—General sick feeling (fourth day),[26]; without definite symptoms, in afternoon (ninety-ninth day),[35].—Very sick and weak the whole day, so that she feared that she would be really sick, with pale, sickly expression; though she had but one diarrhœa-like stool (second

day),[30].—Awoke with all the feelings of having caught a severe cold (thirty-first day),[8].—Rheumatic symptoms (distant pains, etc.) reappeared,[1]. —Rheumatic pain in different parts of the body (twentieth day),[23]; (twenty-second day),[8].—Occasional rheumatic attacks,[22].—Severe cramp in various parts of the body, chiefly calves of legs and inner parts of thighs, with very severe gastro-intestinal inflammation,[52].—Drawing pains, especially in the extremities and other parts of the body, during the day (forty-second day),[35].—[1520.] Drawing pain in various parts of the body, but uniformly near the bones, as if in the periosteum or in the tendinous expansion lying near it, on waking in the morning (thirty-ninth day),[35].—Drawing pains in the hands, feet, occiput, and face, on waking in the morning; after awhile pressure and drawing between the shoulders, and some tension in the pectoral muscles, before dinner (forty-first day),[35].—Very distressing drawing pains in various parts of the body, especially in the bones of the face, though also in the long bones of the extremities, after rising in the morning (forty-third day),[35].—Stitches in different parts of the body (sixty-first day),[85].—Violent, persistent, tearing pains in the bones; these are concentrated in both little toes, and associated with very distressing crawling pains; they become so violent that it seems as though both toes would be forcibly torn off; after a few hours these pains gradually diminished, but continued through the night and following forenoon; there now set in slight pains in the thighs and sacrum, which, however, disappeared after a few hours; next day he notices the same pains in the thorax, which, however, may be ascribed to gymnastic exercises,[36].—Drawing tearings here and there in the body, especially in the limbs, in the forepart of the chest and between the shoulders, on waking in the morning (twenty-second day),[35].—Drawing-tearing pains alternately in various parts of the body, and suddenly jumping from one place to another (thirty-first day),[26].—Wandering pains in various parts, especially in the joints of the upper and lower extremities; a drawing-tearing pain, which lasts for a short time in one place, and suddenly jumps to another, and disappears on moving the affected part (fourth day),[26].—The pain is much more severe in winter than summer,[48].—All the pains gradually ceased towards evening (second day),[6]. —[1530.] All the pains disappeared permanently, after dinner,[10].—All the symptoms disappeared after a short but refreshing sleep (seventh day),[35].

Skin.—Objective. If there be the smallest wound (when applied to the skin) it acts as a caustic, setting up violent inflammation and destroying all the tissues down to the bone,[48].—If the skin is torn or abraded, however slightly, a sharp pain is felt; and if the salt is left in contact with the wound the cutaneous tissue is decomposed and violent inflammation established; these symptoms are accompanied with intense pain, especially in winter, when the cold is severe; the action of the salt does not cease until cauterization has penetrated to the bone,[44].—Several brown spots on the forepart of the neck looking like freckles, which I had never seen before, and which would scarcely be expected in a skin as dark as mine (seventy-seventh day),[35].—Elevated painless induration, where an ulcer was four months before,[22].—Hands completely covered with depressed cicatrices, which look as if they had been punched out with a wadding-cutter,[22].—Two of the characteristic elevated cicatrices on the right thumb,[22].—Roughness and slight burning of the whole skin of the forehead (fourth day),[35].—***Eruptions, Dry.*** Eruption generally comes on in the first fourteen days,[22].—[1540.] Had eruptions, at first,[22].—Solid eruption, like measles, over the body,[22].—Rash commencing in hot weather,[22].—Rash lasted only

three days,[22].—Papular rash lasting three months (after three months),[22].—Was attacked with a papular rash, chiefly affecting the arms, which, however, lasted for two or three days only (after one week),[22].—An eruption broke out on the eyelids and adjacent parts of the face, lasting two days (second day),[22].—Eruption on the upper and lower lip (sixty-fourth day),[35].—Pimples on the right half of the face (thirty-ninth day),[23].—Appearance of a red pimple on back of hand (seventh day),[2].—[1550.] Inflamed pimple on the forehead (fourth day),[35].—Inflamed pimples on the back, in the evening (twenty-sixth day),[35].—Several inflamed pimples on the right side of the forehead (sixty-first day),[35].—Several small inflamed pimples on the forehead, drying up and disappearing in a few hours (sixth day); small red points on the forehead where the pimples had been (seventh day),[35].—Painful inflamed pimple in the right side of the nose, towards the dorsum (eighty-ninth day),[35].—**Papular eruptions on forearms*, lasting a few days, recurring frequently,[22].—Itching papular eruption on the forearm and legs, which lasted a fortnight, disappearing after he gave up the occupation,[22].—Heat and itching of the skin, at night, in the warmth of the bed, followed by eruption on the thighs and legs, of reddish hard knots, from the size of a pin's head to that of a split pea, with a depressed dark scurf in the centre, surrounded with an inflamed base, declining in two or three days; similar attacks recurred frequently,[22].—There appears (without any abrasion) a small, red elevation with a dark centre and elevated circumference, itching and slightly painful,[22].—*Psoriasis diffusa* of the hands, which after some time, degenerated into *impetigo*, although during the interval he had been little exposed to the action of the bichromate solution,[43].—***Eruptions, Moist.*** [1560.] Vesicular eruption on a red and elevated base (itching and burning much, especially when exposed to steam), in a few days becoming pustular, and in some presenting a dark point in the centre, invading hands, arms, face, back, and belly (after seven days),[22].—Vesicular eruption on the upper lip (one hundred and thirty-seventh day),[35].—Some vesicles on the right side of the lower lip (fifty-fourth day),[35].—Vesicles filled with lymph in the right eyebrow (seventy-fifth day),[35].—A large vesicle filled with serum on the sole of the right foot (nineteenth day),[35].—Itching vesicles on the margins of the lips, in the forenoon; in the evening they itched and burned violently (sixty-fourth day),[35].—On the belly, near the umbilicus, some spots, evidently of abraded vesicles, presenting a deep hollowed appearance, which remains after they are healed (after seven days),[22].—Eruption over the whole body of pustules the size of peas, with a small black slough in the centre on an inflamed base,[22].—Small pustules all over the body, like the small-pox, which disappear without bursting,[22].—Violent itching of the skin all over the body, then eruption of small pustules forming scabs, most on the arms and legs; the scabs are then painful, smarting, and burning (two cases),[22].—[1570.] Eruption of papillæ, these after a little time become pustular, and at length, provided the exposure be continued, deep sloughs form under the pustules; the sloughs are of a peculiarly penetrating character; an instance has even occurred in which a complete perforation through the muscular substance of the hand has in this way been produced,[43].—***Eruptions, Pustular.*** A profuse yellow scabby eruption formed over the upper lip,[22].—Suppurating, painful pimples on the back (nineteenth and thirty-fourth day).—The painful pimples which have been noticed on the back for two weeks have enlarged, and one has already discharged bloody matter, is still in existence and is more painful than ever; the pimples

continue to pain for several days, and after partly discharging become again filled with matter (thirty-ninth day),[35].—Redness, swelling, and itching in a spot on the wrist, then great pain; after some time, matter formed and broke the skin, and continued to ooze out for two or three months, then healed, leaving a cicatrix, depressed, as if scooped out (after some months),[22].—Itching in the legs, followed next day by breaking out of a red eruption, which run together and formed scabs, discharging their matter with aching-smarting pains; it has lasted above a year, and is in large pustules on the front of the leg; better in cold weather,[22].—Face covered with a profuse eruption like acne (other parts equally exposed are not so affected),[22].—Eruption on the face like small-pox, for some weeks, on first entering the works,[22].—Pustules appear on the hands (second day); (after merely passing through the works during the boiling),[22].—An eruption of red round spots broke out on the back, arms, and belly; the spots then formed pustules the size of a pea, covered with a scab, which came off in a few days and left a small dry ulcer, which mostly healed up in about a fortnight, leaving a colorless depressed cicatrix (after a few days),[22].—[1580.] Pustules on the arm, the size of a split pea, with a hair in the centre,[22].—Small yellow pustules on the calf of the leg, about the size of a split pea, not unlike small-pox pustules,[22].—Small pustules made their appearance at the roots of the nails on both hands, but chiefly on the left; they extended soon over the whole back of the hand to the wrist, and also, though not to the same extent, on the palm; the back of the hand was one mass of suppuration. The pustule on the hand was small and round, and secreted a limpid, watery matter, when the head of it was broken off; but if left alone, the secretion consolidated into a yellow viscid mass (after three days); since then, more than once, after being in contact with the liquor, has had breaking out of pustules the following day,[22].—Boil on the right thigh (thirty-seventh day),[23].—A furuncle appeared on the right side of the back near the last rib, which was very painful to the slightest touch, and lasted five days (after one day),[31a].—***Ulcers.*** Decided itching on the hairy portion of the genitals, which increased to an inflammation of the skin and the formation of about twenty pustules as large as the head of a pin, which were collected in a spot about an inch in diameter (second day); the itching, almost a biting, continued during the next day, so that I was obliged to scratch in order to get relief, but the night was restless; on the fourth and fifth days the pustules continued to suppurate and were painful; in the evening of the fifth day all the small pustules had united into one large ulcer, in which violent paroxysmal stitches woke me at night; on the seventh day the ulcers began to heal, after which I slowly recovered,[31].—When the workmen are too lightly clad they are attacked with violent itchings, followed by suppuration and ulceration of the moist surface of the penis, around the glans; this condition may progress until a disorder not unlike syphilitic ulceration may be presented,[44].—There still remained an irregular ulcer, twice the size of a bean, with a scab, on the left scapula, quite out of the reach of contact of the solution; it is dry and superficial,[22].—Wrists and arms affected with deep ulcers,[43].—Ulcers on the hand,[22].—[1590.] Some had ulcers on the hands and body,[53].—Without his being aware of having any scratch on the arm or hand, ulcers formed; the arm swelled as high as the axilla, and became very painful, before the boil-like elevation formed, which afterwards turned into a large ulcer, with a dark centre, and white overhanging edges,[22].—Ulceration of forefinger to such an extent, that the two last phalanges had to be

cut off,[22].—After swelling and redness of the finger, with severe throbbing pain, an ulcer formed over the point of the forefinger with white overhanging edges, and dark gangrenous central point; the skin and cellular tissue movable as if separated from their attachments,[22].—Painful ulcer under the thumb-nail,[22].—Inflammation of the feet, and in twenty-four hours breaking out of numerous ulcers (fourteen on one foot, and nineteen on the other), of the characteristic form; they healed in a fortnight (after standing for half an hour in a weak solution, with shoes not water tight),[22].—Peculiar ulceration of the face,[44].—In the seat of a scratch, exposed to ch. sol., swelling and irregular ulcer, covered with a scab, painful on pressure, dry; this continued for months, and a hard movable knot is felt under the skin, with an ulcerated spot like a corn. This gradually hardens, and is covered with a white skin, and remains so for months,[22].—Itchiness of the forearms and hands, then intolerable pain and formation of numerous ulcers, from which above a dozen nearly solid masses of matter fell on striking the arm firmly. The ulcers were left clean dry cavities, which gradually filled up and healed in about a month, leaving a white cicatrix (after four days' exposure to ch. sol.),[22].—Sloughs on the fingers and glans penis,[43].—***Subjective.*** [1600.] Stinging in the skin (twenty-first day),[8].—Heaviness and burning in the skin of the right leg, in the afternoon (thirtieth day),[35].—Burning in the skin of the forehead (seventy-sixth day),[35].—Burning in the skin of the forehead, especially in the glabella, in the morning (one hundredth day),[35].—Burning in the skin in the middle of the forehead, in the nose and right lower leg, after coming into the house in the evening (ninety-third day),[35].—Burning over the skin of the face and head, but without redness (ninety-fifth day),[35].—Burning in the skin of the face, especially in the eyes (sixty-eighth day),[35].—Burning in the skin on both sides of the nose, near the lower margin of the orbit (fifty-third day),[35].—Burning in the skin on the inner surface of the right lower leg (sixty-sixth day),[35].—Burning in the skin of the outer portion of the left lower leg, late in the evening (one hundred and second day),[35].—[1610.] Violent burning of the skin of the forehead, without anything to be seen; later in the evening this burning and itching became very violent, so that I was constantly obliged to rub the forehead (fifty-seventh day),[35].—Violent burning in the skin of the face, beneath the eyes, and a feeling in the sides of the nose as if he were going to have erysipelas, in the open air in the forenoon (ninety-third day),[35].—Pricking and stinging pains in the skin in several parts of the body (fifteenth day),[8].—Ulcer painful on touch,[22].—Itching on the right cheek (ninety-ninth day),[35].—Itching in the beard (one hundred and twentieth day),[35].—Itching and burning in the skin in various parts of the body at different times, lasting into the night,[25].—Itching and burning in the skin of the forehead (fifty-sixth day),[35].—Itching and burning in the skin of the forearm and hands, a short time after lying down, soon disappearing,[25].—Violent itching of the eruption on the lips, though it had begun to dry (sixty-fifth day),[35].—[1620.] Violent itching and burning in the skin of the nape of the neck, after awhile disappearing from that place and appearing on the left shoulder, afterwards in the left upper arm and left side of the chest, and at last on the back, lasting from 6 to 10 A.M.; in the afternoon suddenly a similar itching in the skin on the loins, quickly disappearing,[25].—*The ulcers were painful in cold weather,*[22].

Sleep and Dreams.—Sleepiness. Great tendency to yawn and stretch (seventh day),[2].—Frequent yawnings (sixth day),[2].—Very frequent

yawning, though he had slept very well the previous night (twentieth day),[31].—Constant yawning, followed after half an hour by violent pressing pain in the stomach, great nausea, and efforts to vomit; vomiting could with difficulty be restrained (twenty-second day),[31].—Sleepiness,[26].—Sleepiness during the day (forty-third day),[23].—Sleepiness earlier than usual, with some pressive headache,[25].—Great sleepiness and yawning after dinner (fourth day),[2].—[1630.] Great sleepiness, in the afternoon (one hundred and twentieth day),[35].—Great sleepiness in the evening (one hundred and thirteenth day),[35].—Great sleepiness and exhaustion, so that I was scarcely able to write a word, in the evening (one hundred and fourteenth day),[35].—Very great sleepiness, constant closing of the lids, nodding, yawning, and weariness of the feet, towards noon,[25].—Irresistible sleepiness, at times (twenty-second day),[26].—Irresistible sleepiness before the usual time, with momentary dropping to sleep (third day),[26].—Overpowering sleepiness after dinner,[25].—Overpowering sleepiness in the evening; after sleeping for awhile upon a lounge I was waked by shivering, now in the upper part of the body, now in the whole body, now in different muscles (eighth day),[35].—***Sleeplessness.*** Loss of sleep,[54].—Difficult falling asleep (fourth day),[26].—[1640.] Was unable to fall asleep for a long time at night, afterwards slept quietly and soundly (ninety-fifth day),[35].—Nights uneasy (thirty to thirty-fifth day),[23].—Night restless,[31b]; (second day),[42].—Night restless, interrupted by dreams, unrefreshing (twenty-seventh night),[23].—Restless sleep towards morning, after subsidence of nausea and headache (15 drops, third day),[5].—Suddenly awakened by fright from a quiet sleep of three hours, and only gradually fell again into a doze (first night),[34].—Awoke early, and then fell into a confused, heavy half sleep; in morning unrefreshed and weary,[1].—Waking very early in the morning (fourth day),[28].—Wakes very early in the morning, and after falling asleep again very restless sleep with tossing about (eighth and ninth days),[28].—Waking at 1.30 A.M. (afterwards falling asleep again), (second day),[28].—[1650.] Waking at 1.30 A.M. (third night),[28].—Feeling in the morning on rising as though he had not slept enough (fifty-sixth day),[35].—Frequent startings, tossing about of the arms, incoherent talkings, and finally snoring, on falling asleep at night (after fourth dose),[2].—Frequent groaning and much tossing about in bed (twentieth night),[35].—***Dreams.*** Vivid dreams,[1].—Vivid dreams at night, particularly towards morning (of various dangers and misfortunes),[25].—Disagreeable dreams (thirteenth day),[8].—Frightful dreams (eleventh and twelfth days),[8].—Very disagreeable sensation at 4 A.M.; it is best described as nightmare; I dreamed that some one was lying across my chest and abdomen, which arrested the breathing, so that I was in danger of suffocation; I groaned aloud, and after waking was covered with sweat; my blood was in a tumult; after rising I felt very weak (eighty-ninth day),[35].

Fever.—Chilliness. No sensation of superficial coldness, though the loss of temperature was very marked to the touch (after one hour and a half),[51].—[1660.] Surface generally cold, especially of the limbs (0.12 gr.),[57].—Unpleasant coolness of the whole body, after the nausea (sixty-seventh day),[35].—Slight chilliness (with sickness of stomach), (after half an hour, eighth day),[6].—Great chilliness in the evening (twelfth day),[23].—Occasional attacks of chilliness and shivering (thirty-second day),[26].—Coldness of the body (during vomiting),[12].—Shivering and sensation of coldness, chiefly in the arms and shoulders, in afternoon (second day),[5].—Shivering alternating with flushes of heat, slight sweat on the back and inside of the thighs

(after one hour),[33].—Shivering extending from the lower legs over the whole body, with a sensation in the pericranium as if it were being tightly constricted about the head, in frequent paroxysms; an hour after the chill there followed heat with dryness of the mouth and lips, so that she was constantly obliged to moisten them; the next morning she first had great thirst but no perspiration (third day),[29b].—Coldness of the extremities,[47].—[1670.] Feet and hands cold,[52].—Feet cold, during the attack, with shivering over thighs and back,[40].—***Heat.*** Skin hot and dry,[52].—Heat of whole body at night (with disordered stomach),[14].—Heat over the body with feeling of cold (after vomiting),[12].—Feeling of heat over the whole body,[26].—Feeling of heat over the whole body, with increased thirst (soon after 40 grs., third day),[26].—Feverishness in the first part of the night,[22].—Febrile paroxysms, night and morning,[22].—Heat of the face (fifteenth day); came on suddenly at 5 P.M., during rest (seventeenth day),[32].—[1680.] Flushes of heat in the face, at 4 P.M. (fourteenth day),[32].—Face and hands glowing hot, while the arms were cold and deep internal chilliness continued,[31b].—Sensation of glowing heat in the face, which however was not noticeably red, at 4 P.M. (ninth day),[32].—***Sweat.*** Cold clammy skin,[52].—Sweating profusely,[45].—Remarkable perspiration while sitting quietly in the evening (one hundred and eleventh day),[35].—Anxious sweat over the whole body while vomiting,[31b].—Cold perspiration on the hands (during vomiting),[12].—Hands cold, and bathed in cold sweat (after one hour and a half),[51].—Cold sweat upon the forehead, extending as far as the root of the nose, while the rest of the body was dry (twenty-second day),[31].

Conditions.—**Aggravation.**—(*Morning*), "Maziness" in head; on waking, vertigo; giddiness; on rising, heaviness, etc.; on waking at 5 o'clock, heavy pain in head; on waking, headache; on waking, pain in circumference of skull; pressive headache; lightness across forehead; on waking, pain in left side of forehead; *pain in frontal bone;* soon after rising, pain over left eye; *burning in eyes;* on waking, swelling of lids; dryness, etc., in lids; on waking, heaviness of upper lids; burning in margins of lids; lachrymation; sneezing; discharge from nose, etc.; after waking, dryness of nose; obstruction of nose; bitter taste; on waking, pressive pain in throat; on waking, sore throat; feebleness of stomach; pain in stomach; griping in intestines, etc.; after waking, sensation in penis; on waking, soreness in larynx; after rising, roughness in larynx; irritation in larynx; on waking, hoarseness, etc.; hacking cough; dyspnœa; pain in side of chest; drawing in muscles of neck, etc.; pain in small of back; pain in sacrum, etc.; on waking, pain in coccyx; rheumatic pains; pain in limbs; on waking, pains in legs, etc.; on waking, pain in ulna; on waking, sticking in metacarpal joints; soon after rising, drawing in fingers, etc.; general discomfort, etc.; pains in various parts; on waking, tearing here and there.—(*Forenoon*), Pinching in temporal bones; pressure in occiput; pain along orbital arch; burning, etc., on eyeball; stitches in ear; pressure on chest; venous excitement; symptoms in general.—(*Afternoon*), Immediately after eating, pains in temple, etc.; pain over left eye; photophobia; heat of face.—(*Evening*), Melancholy; vertigo; stitch in forehead; compression from both temples; burning in eyes; earache; pressure in ear; dryness of nose; soreness in nose; pain in cheek-bones; thirst; pain in right chest; prostration of limbs; burning in forearm; chilliness; perspiration.—(*Night*), Pain in parietal region; itching, etc., in eyes; pains under scapula; rheumatic pains in shoulders; rheumatic pains in hip; in bed, shooting in great toe; in warmth of bed, heat, etc., of skin.—(*After*

midnight), Drawing, etc., in elbow.—(*Open air*), Pain in forehead; burning, etc., in eye; smarting in eyes; fluent coryza; sore throat.—(*Draught of air*), Twisting, etc., in abdomen.—(*After breakfast*), Nausea.—(*Cold air*), Pain above eyes.—(*Coughing*), Stitch in lumbar region.—(*After dinner*), Aversion to mental work; pain in head; pain in forehead; burning in eyes, etc.; sneezing; stitches in epigastrium, etc.—(*In house*), Vertigo, etc.—(*Inspiration*), Borborygmi, etc.; griping in lower belly; stitch in lumbar region.—(*Lying down*), Vertigo; pains in temple.—(*After meals*), Cough.—(*Motion*), Pain over eye; pain above eyes; nausea; stitches in region of spleen, etc.; pain in lumbar region; pains in renal region; bruised pain in limbs; rheumatic pain in shoulder, etc.—(*Pressure*), Stitches in region of spleen.—(*Rest*), Ache in region of kidneys.—(*Sitting*), Pain in coccyx.—(*Smoking*), Burning in eyes, etc.; bad taste in mouth; metallic taste in mouth.—(*Standing*), Vertigo.—(*Stooping*), Giddiness; heaviness, etc.; pain in right flank; pain in loins.—(*Walking*), Vertigo; headache across forehead, etc.; pressure in sacrum; pain in coccyx; especially when ascending steps, pain in sartorius muscle; pains, etc., in knees.—(*In winter*), The pains.—(*Writing*), Burning in right eye; burning in lower lids.

Amelioration.—(*Towards evening*), All pains.—(*Night*), Pains, etc., in knees.—(*Open air*), Vertigo, etc.—(*Eating*), *Nausea;* gastric symptoms.—(*Pressure*), Griping in lower belly.—(*Tea*), Giddiness.—(*Walking about*). Heaviness, etc.—(*Working*), General indolence.

KALI BROMATUM.

Potassium bromide.

Preparation, Triturations.

Authorities. **1,** Dr. Hœring, Inaug. Diss., Tubingen, 1838 (Hygea, 8, p. 547), took daily doses of 1 grain, afterwards increased; **2,** Dr. Hermerdinger, Inaug. Diss., Tubingen, 1838 (Hygea, 10, 449), took ½ drachm in water, fasting, and afterwards 1 drachm in six divided doses, during one day; **3,** Otto Græf, De Kali bromat., Leipsic, 1840 (A. H. Z., 19, 126), took of a solution daily doses, afterwards increased and repeated; **4,** same, M. M., a man, 22 years old; **5,** same, R., a man, 26 years old, effects of larger doses; **6,** same, K., 24 years old; **7,** same, L., 32 years old; **8,** same, M., 27 years old; **9,** same, M., 27 years old (another prover); **10,** same, S., 25 years old; **11,** same, B., 28 years old; **12,** Bowditch, Boston Med. Jour., Oct. 1868, effects of 30 grains, experiment on a medical student; **13,** Rabuteau, Gaz. Hebd., April 24th, 1868, experiment on self with 1 gramme (dissolved in water); **14,** Laborde, experiment on self with 15 grammes, taken twice, Gaz. Med. de Paris, 1869, p. 553; **14***a*, same, effects of 6 to 8 grammes, repeated once after a quarter or half an hour; **15,** Bill, Am. Jour. Med. Sci., N. S., 56, 17, experiment on one individual (effects on urine); **16,** Amburger, experiment on self and other physicians with 218 grains of pure drug, taken between 2 and 3 P.M., Practitioner, Jan. 1874; **17,** Nicol and Mossop, observations on selves by ophthalmoscope on eight occasions after doses of 10 grains to 1 drachm, Brit. and For. Med.-Chir. Rev., July, 1872; **18,** Huette, general effects of doses of 10 to 15 grammes, Gaz. Med. de Paris, June, 1850; **19,** Garrod, general effects, Med. Times and Gaz., 1864, p. 276; **20,** Bartholow, general effects, Am. Jour. Med. Sci., N. S., 51, 1866, p. 282 (Cincinnati Lancet and Obs.); **21,** Tilbury Fox, Lancet, 1867, p. 455, general effects; **22,** Harneau, poisoning of an epileptic female

by daily doses for a year of about 16 grammes, Gaz. Hebd., April, 1868; **23**, Braman, poisoning of man with asthma by 20 grains, Boston Med. and Surg. Jour., June, 1868; **24**, Cholmeley, effects of 15 to 25 grains, three times daily, on a lad aged 13, for epilepsy, Brit. Med. Jour., Dec. 1869; **25**, Bazaine, "Bromism" in general produced in about ten days by 30 to 40-grain doses two or three times a day, Brit. Jour. of Hom., 27, 10; **26**, Brit. Med. Jour., Oct. 1869, took 20 grains a day (it soon stopped the "petit mal"), and increased to 70 and 80 grains a day; **27**, Clarke, effects of ½-drachm doses at 11 A.M. and 5½ P.M., Brit. Med. Jour., Oct. 1869; **28**, Williams, effects in epileptic patients, all more or less insane, Brit. Jour. of Hom., 22, 684 (Med. Times and Gaz.); **29**, Hammond, effects of 30 grains three times a day for paralysis agitans, Brit. Med. Jour., Jan. 1870 (Quar. Jour. of Psychol. Med., 1869); **30**, Hammond, a man with severe headaches took, of a solution of 1 ounce to 4 ounces of water, a teaspoonful three times a day; headache removed, but following mental symptoms always occurred after the drug; from Hale's Monograph on Kali brom., 1870; **31**, same, a lady, epileptic, took 30 grains three times a day, dose afterwards increased to 40 grains, ibid.; **32**, same, similar case, ibid.; **33**, same, man with paralysis agitans took 30-grain doses three times a day, ibid.; **34**, Van Buren, effects of large doses in woman with epilepsy, ibid.; **35**, same, similar case, ibid.; **36**, same, similar case, ibid.; **37**, same, large doses for paralysis agitans in a man; **38**, same, large doses for epilepsy in a woman; **39**, same, man took 20 grains three times a day for wakefulness; **40**, same, 15-grain doses for epilepsy in a woman; **41**, same, effect of 1-drachm doses in epilepsy; **42**, same, a man took for wakefulness 20 grains at 11 P.M. and 3 A.M.; **42** *a*, same, a lady took an ounce in the course of a month; **43**, Dr. Fabret, general effects in epilepsy; **44**, Lisigue in same; **45**, Wood, after several moderate doses effects suddenly appear, Brit. Med. Jour., Oct. 1871; **46**, same, effect of increasing doses up to a drachm three times a day in acute mania; **47**, same, effect of ½ to 1 drachm three times a day in general paralysis of insane; **48**, Clarke and Amory, general effects, Monograph, Boston, 1874; **49**, C. Wesselhœft, effects of nightly doses of 5 to 20 grains for three days for nervous depression, sleeplessness, etc., N. E. Med. Gaz., 8, p. 514; **50**, Neumann, general effects, Wien. Med. Woch., 1873; **51**, Turnbull, effects of protracted use of drug, from Hale's Monograph; **52**, Ramskill, gastric effects, from Hale; **53**, Puche, effects of enormous doses (360 grains) in syphilitic patients, Hale; **54**, Voisin, "De l'Eruptions de Brom. de Pot.," p. 70, general effects; **55**, same, effects in a boy with epilepsy of 1½ to 5 grammes daily for seven months; **56**, same, large doses in an epileptic boy; **57**, same, in an epileptic female; **58**, same, similar case; **59**, same, similar case; **60**, same, general effects; **61**, Lubben, a maniacal woman took 2½ grammes three times daily, Allg. Zeit. für Psychol., 1874; **62**, same, effects on an epileptic patient after ten days; **63**, Palm, poisoning of children by crystals, Med. Corresp. Blatt, 1852.

Mind.—Emotional. Delirium,[22].—General delirium, with hallucinations; delusions about persecution and violence,[54].—Decidedly insane; had delusions that lewd women had got into his mother's house; that he was pursued by the police; that his life was threatened by members of the family; that he had thousands of dollars in gold sewed up in his clothing, etc.; his appearance and manner were very similar to those of a drunken man, except that his face was exceedingly pale; his pulse, which was normally about 80, had fallen to 60; skin cool; pupils contracted; his man-

ner was excited and rambling, and his hands constantly busy, either in fumbling in his pockets, tying his shoes, picking threads from his clothing, or in searching for the gold which he believed was concealed in the lining of his coat; his character also had undergone a radical change, from having been very frank and brave, he had become excessively timid, and suspicious of every trifling circumstance; it was ascertained that he had secreted large quantities of the Bromide in various out of the way places about the house; several times he attempted to throw himself from a window, and battered down a door with an axe, in order to escape from some imaginary danger; he was removed to a lunatic asylum, where the symptoms gradually disappeared, and in a month he returned to his home well,[30]. —He imagined that he had been specially singled out for divine vengeance, and he spent the greater part of the evening in loudly deploring his sad fate, falling suddenly asleep at intervals of a few minutes; towards 12 o'clock he became quiet, and passed the rest of the night in a sound sleep (first day); he was walking his room, groaning and wringing his hands; he informed me that he had been accused of robbing a friend, and that the officers were in search of him (second day); slept from about 6 P.M. till 5 A.M., when he was quiet, composed, and altogether in his right mind (third morning),[33].—She had the erroneous idea that she was deserted by all her friends, and as a consequence she passed all her waking moments, which were not many, in tears; another delusion, that her child was dead, had taken fixed possession of her mind; she declared that she saw it dead before her, and when it was brought to her, she refused to acknowledge that it was hers, or had any resemblance to the one she imagined was dead (eighth day),[31].—Very soon she began to manifest symptoms of melancholy, attended with delusions; she was taken to Long Branch, and while there continued to be insane; she fancied that the boarders in the hotel insulted her, and imagined that the weekly bills of the landlord were evidences of a conspiracy which had been got up against her father; on the way up from Long Branch to this city, while standing on the guards of the boat, she suddenly gave a loud shriek, and declared she had seen her brother fall overboard; the administration of the Bromide was stopped, and in a few days her mind became sane, and has since remained so; throughout the whole progress of this case, there was profound depression of spirits, and all her delusions were of a melancholy character,[34].—The mind was more composed, and much less excitable than usual (while taking the drug),[49].—When the drug acts favorably, a sense of buoyancy, comfort, and relief, rather than depression, accompanies its exhibition,[48].—Frequently she would burst into tears for no cause whatever (after three days),[31].—[10.] Depression of spirits for two months, then gradually disappearing,[35]. —Depression of mind, during which he experienced the most gloomy ideas relative to his present and future condition, if an opinion could be formed from the signs of distress, such as weeping, moaning, and wringing his hands, which he continued to manifest; two hours after this he fell asleep, and when he awoke eight hours afterwards was perfectly sane (fourth day),[33]. —Mental depression,[41].—Marked mental depression (after a month),[31].—Great mental depression, a feeling of approaching death,[40].—Fearfully depressed, and frequently shed tears,[51].—A consciousness that the currents or sources of psychical force are hampered sometimes makes an intellectual patient, who is moderately bromized, reason himself into depression, but spontaneous depression is rare,[48].—Very absent-minded, low-spirited, and childish, giving way to her feelings,[38].—No inclination to mental excitement

or amusement; rather sad and indifferent to things, lasting for five days (sixth day),[49].—Painful sadness, profound indifference, and almost disgust for life (after one to two hours),[11].—[**20.**] Profound melancholy, with delusions,[29].—Such intense melancholy and weakness that I was obliged to reduce the quantity to 20 grains,[36].—The immediate effect was the production of the most intense melancholy, attended with fits of uncontrollable weeping; these symptoms lasted three or four days, and were then accompanied with periods of positive delusion; gradually they disappeared, although the doses of medicine were not reduced,[32].—Feeling of anxiety, depression, etc.,[16].—The patient, who has been violently excited, glorying in his imaginary power of body and mind, becomes desponding, sullen, melancholic, and frequently lachrymose, often even despairing,[45].—At times he cried most bitterly, yet twelve hours previously he was singing and dancing, saying he was "the happiest man alive,"[47].—Listless, apathetic,[25].—***Intellectual.*** Intellect and will unimpaired and active,[14a].—Intellect and emotion may seem sluggish, but when roused they act normally,[48].—Mind calm, not worried and fretful as usual; have been rather disinclined to use the mind at all (fifth day),[49].—[**30.**] The patient was torpid mentally,[62].—Intellect clouded; mind confused; unable to concentrate the thoughts; slowness of perception; questions have to be asked several times before their meaning is understood and an answer can be obtained,[25].—Dulness, stupefaction,[54].—Dull, depressed, irregular in his gait, in the morning; in the afternoon completely helpless,[47].—After awaking, the will power seems lost, and thought and self-consciousness cannot be regained; one feels plunged in dulness and torpor (after one to two hours),[14].—Mental hebetude (after large and continued doses),[43].—Slowness of comprehension,[54].—Decided weakness of intellect,[18].—Enfeebling of mental power; a little page in my accounts, which I should usually have prepared and balanced in half an hour, took me two or three evenings' work; but the worst tendency was to talk "Mrs. Malaprop" English, substituting one word ending in "tion" for another in a most provoking and yet ludicrous way; I had once to write some letters reminding people that their subscriptions were due, and I had the misfortune of having my letters (I think one or two of them) brought back to me by the clerk, who pointed out to me that I had written "contraction" or some such word instead of "subscription,"[26].—Difficulty of collecting ideas,[51].—[**40.**] **Inability to express oneself*,[54].—Remarkable slowness of speech, and difficulty of collecting the ideas and expressing them,[51].—In such a confused state that I could not get on with my work (second morning),[27].—Incoherent, full of delusions of no fixed character, and remarkably depressed in spirits (seventh day),[31].—Feel as if everything that I feel, see, or think, had been experienced before, as in a dream; this delusion is so strong that I could swear I dreamt it all (six hours and a half after second dose),[27].—The effect upon the mind was quite marked and decidedly curative, for it improved the memory, and dispelled a distracted, uncontrollable state of mind,[49].—The mental and bodily impressions received during the different stages of the medicinal action are very clearly retained in memory,[14].—Memory impaired,[54].—The memory and thinking faculty were impaired,[53].—Sometimes temporary impairment of the memory (after continued doses),[48].—[**50.**] Failure of memory,[29].—Loss of memory for two months, then gradually reappearing,[35].—**Loss of memory* to such an extent that he forgot how to talk; for instance, when asked why he took so large a dose, he was fully two minutes endeavoring to frame a reply, and was then obliged to give up the attempt with the remark, "I can't;"

*in fact, *there was well-marked amnesic aphasia,* for there was no difficulty in co-ordinating the movement of the tongue so as to articulate distinctly any word he was told to pronounce (fourth day),[33].—Memory was absolutely destroyed; she could not recollect the simplest things, and even forgot her own name and that of her husband, though reminded of both an instant before (after three days),[31].—On waking in the morning I could not remember anything which had happened to me the night before, and asked my brother what day it was, the month of the year, etc.,[27].—What he writes is almost unintelligible, from the omission of words, or parts of words; words are often repeated or misplaced,[54].—A hospital patient, who, while subjected to the continued influence of Bromide of potassium, forgot certain syllables or parts of certain words, and when writing or speaking did not write or utter these; thus he called quelques, q'ques, and sometimes he duplicated one or two syllables of a word,[48].—In some individuals the memory is oddly affected; **single words are forgotten,* or one syllable is constantly dropped out of a word, whenever that word is spoken by the patient, or two words are invariably interchanged; thus, a lady, twenty-eight or thirty years of age, suffering from chronic ovarian disease, to whom I gave about 12 grains three times a day, making a continued daily dose of nearly 40 grains of the Bromide of potassium, began, after she had taken it two or three weeks, to exchange two words for each other; she called a buckwheat cake a comb, and a comb a buckwheat cake; at the hour of her morning toilet she would direct her maid to bring her a buckwheat cake and arrange her hair; at breakfast, if there were buckwheat cakes on the table, she asked for a comb to eat; once during the existence of this peculiarity, I undertook to convince her that she had transposed these words, and that a comb was a spoken sign of a comb and not of a cake; the effort was unsuccessful; she never transposed or confused the ideas of cake and comb, only the words or signs,[48].—Weakness of mind, a kind of stupor, especially in well-educated and actively engaged persons (after long use),[44].—Hebetude, with inability to think; a kind of stupor, resembling that of the first stage of typhoid fever,[25].—[**60.**] Stupor,[18 54].—Moderately deep coma,[54].

Head.—Confusion and Vertigo. Confusion and heat of the head,[62].—Vertigo,[2 9].—Vertigo, fainting, and nausea, followed by sound sleep,[39].—Great vertigo with confusion of the head (after a few hours),[2].—On attempting to stand up, and especially to walk, there is a peculiar vertigo, characterized by a sensation of emptiness around one, and under one's feet, so that one is afraid to move; it seems as if the ground gave way, and the sense of resistance was lost; the gait is staggering, and at last walking becomes almost impossible, or, at least, one feels obliged to give it up (after one and two hours),[14].—Dizziness,[18].—Inability to stand erect on account of excessive dizziness,[62].—The giddiness was generally accompanied with drowsiness and sometimes with actual stupor,[53].—[**70.**] After the chief symptoms have disappeared, there remains a peculiar heaviness of the head, not amounting to actual headache,[11].—***General Head.*** Headache,[2 16]; (after a few days),[28], etc.—Dull headache,[25]; (after large doses),[19].—Headache, with heaviness, and pressure on forehead and temples,[18].—A remarkable headache; soon after setting in it developed a sort of dulness and giddiness, such as may be observed in some forms of typhus,[53].—***Forehead.*** Pain in forehead and occiput (after one hour),[13].—Headache in the right frontal protuberance, after a simple dinner; it increases at 9 P.M. (sixth day),[49].

Eye.—Objective. Expressionless gaze; lustreless eyes,[25].—Hollow, fixed eyes,[54].—Eye lost its lustre (after a few days),[28].—[80.] Dull-looking eyes,[54].—Bloodvessels on the fundus of the eye were enlarged,[61].—The results of the smaller doses were not altogether uniform; a certain degree of congestion appeared, however, to be produced. With half drachm and drachm doses, and once with a scruple dose, the disk and retina were congested even in ten minutes after administration, and this state of congestion went on increasing, as long as examinations were made; even after the lapse of several hours, the increased redness was still manifest; the vascularity was found to be greater as the dose was increased. The exceptional phenomena were, in one case, a brighter redness of the vessels after ten grains. In another case, a hazy condition of the vessels was noted, after a scruple dose,[17].—***Lids.*** Drooping of the eyelids,[54].—Constant closing of the eyes, more noticed when sitting up than when lying down,[62].—Ptosis, gradually becoming complete, so that the lids hang far over the eyeballs,[61].—***Conjunctiva.*** Conjunctiva often congested,[48].—Sensibility of conjunctiva so deadened, that a finger may be passed with impunity on the surface of the eyeball, without producing winking,[25].—***Pupil.*** Dilatation of the pupils,[2].—Dilated and uncontractile pupils,[48].—[90.] Pupils dilated, and contract very sluggishly under the influence of a strong light,[25].—Pupils contracted,[30]; (fourth day),[33].—Contraction of the pupils,[29 41].—Pupils contracted (fourth day),[33].—Pupils strongly contracted,[39]; (second day),[33].—Pupils greatly contracted (after three days),[31].—***Vision.*** Sight became disturbed,[53].—Eyesight weakened (after three days),[31].—Momentary weakness of sight and hearing,[18].—Very weak sight,[54].—[100.] Dimness of sight, with dilated pupils,[45].—Sight becomes dim, and the lids so heavy that they can hardly be kept open; there is a general feeling of torpor, and an invincible drowsiness (after one and two hours),[14].—The eyes do not see (after toxic doses),[48].—Hallucinations of sight and sound, with or without mania, precede cerebral indifference, apathy, and paralysis (after toxic doses),[48].

Ear.—Hearing became disturbed,[53].—Hearing weakened (after three days),[31].—Hardness of hearing,[54].—Hearing loses its usual acuteness, and it is only by speaking in a very loud voice that the patient can be roused from his stupor,[25].—The ears do not hear (after toxic doses),[48].—At night in bed, had roaring in the ears, synchronous with the pulse,[49].

Nose. [110.] Nostrils full of thick mucus and yellow scabs,[54].—The salt found in the nasal mucus (after half an hour),[13].—Smell weakened (after three days),[31].

Face.—Languid expression,[54].—Wearied, anxious look (after a few days),[28].—Looked queer (first evening), and as if frightened (second morning),[27].—Dull, stupefied expression,[54].—General aspect of hebetude and indifference (after toxic doses),[48].—The expression of hebetude becomes first that of imbecility, and then that of idiocy (after toxic doses),[48].—Yellow, cachectic complexion,[22].—[120.] Dirty yellow complexion,[54].—Face pale (second day),[33].—Face pale, suffering,[63].—Face exceedingly pale,[30].—Face ashy pale (fourth day),[33].—Face thin,[54].

Mouth.—Gums. Painful gums, sometimes red and swollen,[54].—***Tongue.*** Tongue red, dry, and enlarged (in a few hours),[54].—Tongue moist and red at first, but after a few days it has a tendency to drying and browning,[25].—Coated tongue (second day),[16].—[130.] *Foul breath and a white tongue,* involving *the edges* as well as the *dorsum,* and not *necessarily furred,* with great languor and sleepiness,[52].—Tongue presented every appearance of the effects of a corrosive poison,[23].—Disordered action of the

tongue; difficult speech,[54].—***General Mouth.*** Fetor in the mouth,[61].—Dryness of the mouth,[48 54 62].—Long-lasting dryness of the mouth (after the increase of saliva) occasioning a desire to drink, sometimes very urgent (after a few minutes),[14].—Irritation of the mucous membrane of the mouth and fauces; the tongue was painful and the papillæ very prominent, with redness and burning through the whole of the mouth and fauces as after some acrid substance,[10].—***Saliva.*** Increased secretion of saliva,[62].—Increased secretion of saliva, with frequent spitting (after a few minutes),[14].—Transient increase of saliva and mucus in the mouth,[2].—[140.] Slight increase of the salivary secretion (immediately),[14a].—Profuse secretion of tenacious saliva, with fetor from the mouth,[61].—Salivation,[16 42 2].—Salivation and salt taste in the mouth,[48].—Salivation, not copious, but merely disagreeable,[48].—Ropy mucus on the tongue, lips, and inside the mouth,[54].—The buccal mucus becomes sticky,[54].—The salt found in the saliva (after half an hour),[13].—***Taste.*** Very foul taste in mouth (after a few minutes),[14].—Slightly salt taste (immediately),[14a].—[150.] Taste weakened (after three days),[31].—The tongue does not taste,[48].—***Speech.*** After awaking, speech is difficult, slow, and not seconded as usual by the operations of the intellect (after one and two hours),[14].—Hesitating speech,[54].—Occasional stammering (after continued doses),[48].—Unable to speak,[48].

Throat.—Some patients experience a peculiar sensation of dryness of the throat and neighboring parts,[19].—Irritation in the mucous membrane of the throat and stomach (after 3 to 4 grammes, 60 grains daily),[43].—Tickling in the throat, a short time after every dose,[8].—***Uvula.*** Œdema supervenes on congestion of the uvula and fauces (after a toxic dose),[48].—[160.] Insensibility in the region of the velum palati and pharynx,[18].—Anæsthesia of the velum palati, the uvula and upper portion of the pharynx, so that these parts may be tickled without producing nausea, or involuntary movements of deglutition; swallowing itself, however, is unimpaired,[25].—***Fauces, Pharynx, and Œsophagus.*** Mucous membrane of fauces highly injected,[23].—Anæsthesia of the fauces seems the last symptom to disappear,[25].—Anæsthetic effect on the mucous membrane of the fauces and upper respiratory organs, by which their reflex action becomes diminished,[44].—Moderate anæsthesia of the pharynx,[48].—According to Voisin, the local anæsthesia of the pharynx does not appear after a less dose than 30 grains; it is not always produced by this dose; but if two or three such doses are given several hours apart, there will be impaired sensibility of the pharynx for several hours after the last dose; consequently, a continued daily dose of above half a drachm generally affects the sensibility of the pharynx in proportion to the amount taken above that quantity; but only one part or kind of the sensibility of the pharyngeal mucous membrane is impaired or abolished. "We should distinguish," says a late writer,† "two kinds of sensibility in the region of the veil of the palate, a functional sensibility and an ordinary sensibility; the ordinary sensibility varies with different individuals; but it is not the measure of the functional sensibility; the latter varies but little; this functional sensibility is the same as the sensibility of the intestine; and like the latter, it depends, according to M. Claude Bernard, upon a ganglion, the spheno-palatine; it has its special mode of irritation, which is neither pricking nor burning, but the lightest contact; if the touching even [*chatouillement*] exceeds the physiological limit, vomiting is produced; bromide causes this to disappear at once; movements of degluti-

† Emile Zaepffel, Thèse pour le Doctorat, etc., Paris, 1869.

tion remain intact in bromized individuals, and are not performed with less energy than previous to the treatment; when, by titillation of the uvula, no effort of deglutition or vomiting is induced, it is apparent either that the pharynx and palate no longer conduct the tactile impression, or that this impression is not reflected; as the reflex power of the cord has lost none of its energy, and there is no want of precision of movement, we must admit that the periphery alone is affected,"[48].—Irritation of the fauces generally, with œdema and redness, and sometimes with paleness of the parts (after continued doses),[48].—Constant dryness of the œsophagus,[22].—***Swallowing.*** Difficult deglutition,[54].—[170.] Unable to swallow,[48].—***External Throat.*** (A very perceptible enlargement of the thyroid gland disappeared), (while the drug was taken or immediately afterwards),[42a].

Stomach.—Appetite. Increased appetite,[7 10].—Appetite somewhat increased,[4].—Appetite remains very good, patient takes his food very well, and dozes off immediately after,[25].—Less appetite for breakfast, no appetite for dinner (fifth day),[49].—Loss of appetite,[22].—Anorexia,[52]; (second day),[10].—***Thirst.*** Thirst,[2].—Much thirst all day, but able to drink only a mouthful, as the cool water is unpleasant (fifth day),[49]. [180.] Great thirst,[54].—Intense thirst, and a craving for cold drinks,[25].—***Eructation.*** Eructations,[2 16].—Repeated eructations,[2]; (after a few minutes),[14].—Eructations without nausea (immediately),[14a].—Nauseous eructations, and inclination to vomit,[1].—***Nausea and Vomiting.*** Nausea,[16 59]; (after one hour),[13].—Nausea and vomiting,[45 63].—Sometimes slight nausea directly after a dose, which soon disappears,[48].—The nausea and pain in stomach were most frequent when lying on left side,[13].—[190.] Sickness (soon); (after a few days),[28].—Sick and giddy,[47].—Repeated retchings and emesis,[23].—Vomiting,[18].—Repeated serous vomiting, for nearly seven hours,[13].—Vomiting of frothy mucus,[42a].—***Stomach.*** The stomach was weak for a long time afterwards,[2].—Some degree of gastric anxiety (after one hour),[13].—Habitual gastralgia,[22].—Much agony in region of stomach,[23].—[200.] Sensation of fulness and heat in epigastric region (after a few minutes),[14].—When taken fasting, a little pinching or constriction of the stomach (immediately),[14a].—Peculiar pressure in the epigastric region, followed at times by violent colic,[4].—Distressing oppression of the stomach after dinner,[2].

Abdomen.—Umbilical. Violent periodical pains in umbilical region, which is very sensitive to touch, without being distended (second day),[63].—Colic-like pains in umbilical region (even after six or seven weeks),[63].—***General Abdomen.*** Rumbling,[2].—Much flatulence (while taking the medicine),[49].—Emission of flatulence,[2].—Frequent emission of flatulence,[9].—[210.] Emission of much flatulence,[9].—Feeling of warmth in the abdomen,[2].—Violent pain in the abdomen,[63].—Pain following the course of the ascending colon,[8].—Colic,[2 5 22 16].—Sudden colic disturbing the rest at night,[3].—Attacked with flatulent colic in the region of the duodenum, at 4.30 A.M. (one hour after second dose), which passed off in a watery diarrhœa during the day,[42].

Rectum and Anus.—Tenesmus, once,[9].

Stool.—Diarrhœa. Increased evacuation of the bowels,[1].—Diarrhœa,[16 54].—[220.] Diarrhœa (in a few rare instances after continued doses),[48].—Diarrhœa; on using cloths they were found to be stained of a violet color,[23].—Purging,[13].—Purgation, with abdominal pain of a dull aching character,[45].—Hypercatharsis, repeated again and again each time the medicine was taken (in two cases),[28].—Cases have been recorded where the hypercatharsis was so marked that the drug was discontinued; out of 37

cases treated for epilepsy by this drug† 2 patients had to discontinue its use on this account,[48].—Soft stools,[5].—Stools softer than usual,[7 9].—Stools softer and more frequent,[3].—***Constipation.*** Constipation,[4 8].—[230.] Slight constipation (after continued doses),[48].—Bowels sluggish in their action, but not very confined,[25].—Fæces diminished in weight and usually procrastinated,[15].—Dryness of the excreta of the intestinal canal follows its continued use, and the stools become dry, hard, and infrequent,[48].‡

Urinary Organs.—Bladder. Feeling of vesical distension and irresistible desire to urinate (during the partial slumber),[14a].—***Micturition.*** Disposition to urinate,[16].—Bowels were regular, with frequent desire to pass water, but which was, however, rather diminished in quantity (while taking the drug),[49].—Frequent emission of thin yellowish urine,[5].—Emission of a large quantity of clear yellowish urine,[3].—Frequent and profuse emission of urine,[7].—[240.] Discharge of urine both frequent and more copious (eleventh day), also in the preceding night; in the evening of the eleventh day about half a pint of urine passed every half hour for several hours; the urine was pale, of high specific gravity, loaded with what appeared to be phosphates, of which a cloud was passed with the urine; the minute crystals could be plainly seen when held up to the light in a beaker-glass; on standing for a few minutes the sediment filled one-quarter of the space occupied by the liquid; heating the urine precipitated the phosphates in a white cloudy sediment; addition of nitric acid immediately dissolved it,[49].—The quantity of urine passed in the twenty-four hours was increased. This was not due to the increased drinking of water,[15].—Scanty micturition,[13].—***Urine.*** Increase of renal secretion (after continued doses),[48].—Increased secretion of urine,[2 8].—Increased secretion of thin urine,[11].—A moderate increase of the urinary secretion, during the morning or day after taking,[48].—Copious secretion of urine,[3].—Copious secretion of thin and clear urine,[4].—Increased urine,[1].—[250.] Increased amount of urine,[9].—Profuse, thin, pale urine, peculiarly offensive,[6].—68 ounces of urine were secreted in twenty-four hours, although on the same day a Turkish bath was taken, and a considerable portion of the drug was doubtless eliminated by the sweat. The average daily amount of urine excreted by the same individual, as determined from observations on seven successive days, was 44 ounces,[12].—Diminished secretion of urine,[10].—Urine paler and thinner than usual,[9].—A trace of the drug was discovered in the urine (after ten minutes); a considerable quantity found (after ten to twenty minutes),[18].—The acidity of the urine was usually increased; the coloring matters were invariably increased; the urea was not affected; the phosphoric acid varied; by small doses it was increased; the chlorides always and notably increased, save when the bromide was acting as a poison; this chloride leaving the body was chloride of potassium; the figures of the three experiments were an average of 22.56 grammes of chloride of silver in twenty-four hours on the days preceding the exhibition of bromine, and 24.29 on those days when that salt was taken. Analysis showed in some of these cases the amount of potash in the urine increased from (estimated as chloride) 2.5 to 12.80 grammes,[15].—Uric acid especially increased,[15].

Sexual Organs.—More or less debility of the genital organs,[18].—

† Williams, abstracts in Boston M. and S. Jour., 71, 422.

‡ I have heard of two cases of chronic constipation relieved by a dose of the bromide, and where have been taken large doses of the ordinary cathartics without producing an intestinal discharge; in other instances one or two doses have caused an evacuation of the bowels.

Decline of sexual power (after long-continued use),[43].—[260.] Sexual weakness degenerates into impotence (after a toxic dose),[48].—It exerts a most powerful influence on the generative organs, lowering their functions in a remarkable degree,[19].—During the partial slumber, especially if in bed, there quickly arises a greater or less degree of sexual excitement (according to previous habit), usually accompanied by erections and emissions, which awake the subject, and of which he is perfectly conscious,[14a].—Repression of sexual desire and power does not usually occur until the salt has been taken for several days continuously; its extent is exceedingly variable; in some individuals it merely amounts to a moderate diminution of desire; in others there is a temporary impairment of power,[48].—Diminishes and ultimately entirely neutralizes the sexual appetite,[20].—From the beginning the sexual appetite fails; erections are rare and imperfect, and cease altogether after a few days,[25].—Pain, swelling, and tenderness of the left testicle and cord (second day),[42].

Respiratory Organs.—Laryngo-bronchial weakness, sometimes with cough, and sometimes with a changed or whispering voice, rarely with aphonia (after continued doses),[48].—It appears to produce an anæsthetic condition of the larynx and pharynx,[19].—***Voice.*** Painful, exceedingly disagreeable hoarseness for a long time, most violent after he had taken 37 grains in nine days,[1].—[270.] Faint voice,[54].—The whispering voice sinks into aphonia (after toxic doses),[48].—Hacking cough,[1].—Dry, fatiguing cough,[22].—*Paroxysmal dry cough* at intervals of two or three hours, with difficult respiration, followed by a vomiting of mucus or food; worse at night or when lying down, and bearing much resemblance to hooping-cough,[54].—***Respiration.*** The carbonic acid of the lungs was decidedly decreased. The decrease in carbonic acid was followed, on the days succeeding the use of the bromide, by increase above the normal quantity,[15].—Vascular "*bruit de souffle,*"[54].—Breath has a disagreeable odor, which seems peculiar to those who have been for any length of time under the influence of the drug,[45].—Fetid or bromized breath (after continued doses),[48].—The fetid breath becomes nauseous (after a toxic dose),[48].—[280.] Respiration, without the stertor of opium or alcohol, is easy but slow (after toxic doses),[48].—Respiration calm and tranquil, with occasional sighing,[25].—Anxious respiration,[22].—Difficult breathing,[16].

Chest.—Symptoms of pulmonary catarrh,[54].—Tightness of the chest, on breathing,[2].—Oppression of the chest,[1].

Heart and Pulse.—Heart's Action. Reduces the action of the heart and arteries,[20].—Heart's beats lacking in energy, and its sounds distant and feeble (in its effects on the heart the drug seems to resemble Digitalis),[25].—Heart's action feeble and intermitting,[47].—[290.] The heart's action gradually grows feebler till it ceases altogether,[48].—Heart's action very feeble,[46].—Action of heart slow and fluttering (after a few days),[28].—Heart's action slower and feebler (after toxic doses),[48].—***Pulse.*** Accelerated pulse, after awhile it was at times several beats slower than natural,[2].—Pulse irritable and rapid,[63].—Pulse small and very frequent,[22].—Pulse slower, except during actual vomiting,[13].—Small and slow pulse,[16].—Pulse weak and slow,[25].—[300.] Pulse notably slower as well as depressed,[14].—Pulse, which normally was about 80, had fallen to 60,[30].—Pulse much lowered (40 to 48),[18].—Pulse very low, after the fever,[54].

Back.—Pain in loins,[16].—Pain in the region of the kidneys,[9].—Pain, seemingly seated in the region of the kidneys,[8].

Extremities in General.—Disordered action of the extremities,[51].

—A sort of muscular weariness and a bruised feeling in the limbs and loins (after waking),[14a].

Superior Extremities.—Trembling of the hands during voluntary motion,[54].—[310.] When he raises his hands, as in the act of carrying something to his mouth, they tremble as if he had delirium tremens,[25].—Handwriting shaky and indistinct,[54].—Hands and fingers in constant action (second day),[33].—Almost constant twitching of the fingers, and a busy occupation of them in matters of no importance (after three days),[31].

Inferior Extremities.—Gait unsteady (second day),[33].—Unsteadiness of gait, so great that he was frequently taken for a drunken man, and on one occasion was arrested by the police, confined in a cell all night and fined the next morning, notwithstanding my statement of the facts to the police superintendent,[30].—Great unsteadiness of gait for two months, then gradually disappearing,[35].—Irregular in his gait,[47].—Irregular gait, the patient reeling as though intoxicated,[45].—Impaired locomotion, which, when the dose is excessive, resembles the gait of locomotor ataxia,[48].—[320.] Reeling gait and general appearance of intoxication,[54].—On beginning to walk, the first steps are undecided and staggering, but the gait soon recovers firmness (after waking),[14a].—Staggering,[41].—Staggering gait; walking is quite difficult,[54].—Could not walk without staggering very much,[38].—By degrees his gait becomes altered; he rolls and staggers like a drunken man; his limbs shake and bend under him,[25].—Unable to walk (seventh day),[31].—Could scarcely stand, and that only with support,[47].—Unable to stand (fourth day),[33].—Weakness in the lower extremities, and inability to stand erect (after three days),[31].—[330.] Unusual weakness at the knees (after a few days),[28].—Weakness of the extensors of the legs and feet,[37].

General Symptoms.—Objective. An increase of destructive, without a corresponding increase of constructive metamorphosis, and consequent emaciation (after continued doses),[48].—Diminishes the retrograde metamorphosis of tissue,[20].—Diminution of mucous secretions generally,[48].—The capillary circulation is materially affected, not only of the nervous centres, but of the whole system; this, however, is independent of the heart and large arteries,[48].—Emaciation (after long-continued use),[43].—General emaciation,[54].—Considerable emaciation,[54].—Great emaciation,[22].—[340.] Very emaciated and weak, and of a peculiar pallid color,[51].—Marasmus and emaciation, which endanger the life, may set in after too long-continued use,[44].—Among the symptoms caused by the drug there are some which have escaped the notice of previous observers, but which, if not recognized, might lead to serious mistakes in diagnosis. I refer to cerebro-spinal affections—characterized by general delirium, hallucinations, fancies about being persecuted, violent actions, ataxia of the limbs and of the tongue, and impeded articulation—which might be taken as indications of general paralysis. All these alarming symptoms disappear on leaving off the medicine,[60].—Better than usual, less tired, with more ability and inclination to walk than previously (while taking the drug),[49].—Sedation,[20].—Averse to exercise; sits and lounges about,[25].—Invariably sat crouched up by the fireside all day, evidently devoid of all energy and resolution,[28].—Disinclined to talk, read, or study, to walk or work; quite indifferent to many objective annoyances that commonly irritated him; in fact, superlatively lazy, indifferent, and sleepy, yet by a strong effort of will able to converse, study, compose, walk, work, and fret as well as ever,[48].—Languor of movements,[54].—Great languor,[52].—[350.] Unusually quiet, sitting languidly on a chair; he could not collect his thoughts to answer a question

properly,[46].—Lassitude (soon),[28].—Weakness,[2].—Weakness of the muscular system,[20].—So extreme a degree of weakness that the medicine had to be stopped,[40].—Great feebleness, physical and mental, after disappearance of the symptoms,[25].—General debility,[54].—Great muscular debility,[45].—Considerable prostration, compelling him to lie down (after one hour),[13].—Great bodily prostration,[45].—[360.] Extreme general prostration,[54].—Inability to walk or stand,[54].—Inability to hold herself upright,[61].—Unable to move or feel,[48].—After a time he is obliged to keep his bed,[25].—Extremely adynamic condition,[54].—Lies quietly, unable to move, feel, swallow, or speak (after a toxic dose),[48].—There is a class of phenomena dependent on the bromine—cachexia, which must be accurately distinguished—viz., those due to the adynamic character liable to be assumed by acute maladies which may attack an epileptic patient during the administration of the drug. Thus, a pneumonia, an enteritis, a rheumatic seizure, or a simple boil may be accompanied by such a debility of the vital powers as shall rapidly determine a fatal issue,[60].—Fainting,[39].—Muscular weakness becomes complete paralysis (after a toxic dose),[48].—[370.] Remarkable degree of restlessness and fitfulness of motion, as a consequence of the giddiness or intoxication, the patients being sometimes unable to keep themselves on their feet,[53].—***Subjective.*** Diminished nervous sensibility in general, and especially diminution of reflex sensibility,[48].—Mental and physical lassitude, indisposition to effort, and indifference to all slight causes of nervous irritation; the crying of children in the house, the rattling of carriages on the pavement, the irritation of worrying or anxious thoughts, all are disregarded; the sweet carelessness of doing nothing, the Neapolitan's *dolce far niente* is almost realized; this state is soon succeeded by drowsiness, and drowsiness by sleep (after 20 or 30 grains),[48].—Well-marked numbness throughout the body, and very decided diminution of sensibility (after three days),[31].—Great blunting of the senses; the patient shows consciousness only when loudly called to,[61].—Sensibility of skin diminished, so that pinching and pricking are scarcely noticed,[25].—Tactile sensibility, the sense of temperature and of tickling appear to be imperfectly conducted, but really unimpaired,[48].—The sensibility is so far gone that the skin can be pricked, pinched, and burned even without the patient being at all conscious of it; this insensibility, however, only sets in after the continued exhibition of enormous doses,[53].—During the whole period of the action, and even during its decline, there is experienced a profound dulness of tactile sensibility in all its forms, but especially in those which are concerned in reflex manifestations. Thus, tickling of the feet is scarcely felt, and no longer produces its usual effects; cutaneous sensibility, when tested by pinching, is found to be diminished; the perception of touch by the hand is so modified that prehensile movements are deprived of precision,[14].—Reflex, general, and special sensations disappear,[48].—[380.] General feeling of comfort and tranquillity, predisposing to sleep,[14a].—Sense of mental and physical languor or weakness (after continued doses),[48].

Skin.—Surface in general, and especially the skin of the face, of a dead-white color,[54].—Considerable discoloration of the skin and mucous membranes,[54].—I. A partial eruption, resembling both *acne simplex* and *indurata;* preceded by considerable itching; appearing chiefly on the chest and face, especially on the shoulders, forehead, and nose. It consists of bluish-red pustules, scarcely as large as a pin's head, with a red areola, and soon becoming yellowish-white at the tips. Their bases are quite hard, and continue so for several days, sometimes for a month, when they

suppurate, leaving a firm nucleus and deep-red flush, with a slight swelling, which are of long continuance. The number of pustules is extremely variable, increasing chiefly with the dose. Certain conditions of the skin, as when it is thick and plentifully moistened by an oily secretion, seem to promote the spread of this eruption, and lymphatic and sanguine constitutions are especially liable to it. It is also more abundant in youth and adult age. At these periods it sometimes even covers the whole face, to its great disfigurement. The duration of the pustules is also very variable, eight days, more or less; depending uniformly on the continuance of large doses; thus, when an extensive acne eruption has arisen from doses of 5 grammes or over, the number of pustules will be sensibly lessened if the dose be reduced to 3 grammes. II. The second species of Bromine eruption bears no resemblance to any other affection of the skin. It is confined almost wholly to the lower extremities, where it appears in the form of oblong or circular patches, several centimetres in diameter, with mamillated edges, and generally rose-colored or cherry-red, but spotted yellow, as if from subcutaneous purulent infiltration. Its favorite situation is the calf of the leg, as is shown even in cases of repeated relapse. In two patients who were each attacked three or four times, the eruption always appeared in this locality. The central portion, as well as the borders of the patches is sometimes mamillated, the projections, in this case, being formed by acne-like pustules, so closely aggregated as to amount to a swelling; they rise to a height of 3 or 4 millimetres, and their bases are indurated; the projections, in a few days, partially collapse, their tips discharging a sero-purulent fluid. The centre of each pustule then presents an umbilicated depression, exuding a creamy moisture, which dries with thick yellow scabs. These projections are extremely sensitive to contact, and sometimes render walking impossible. It is worthy of note, that their depressed, central portion, on the contrary, is quite insensible and devoid of pain. They are surrounded by a reddish areola, with some tumefaction. They collapse on the escape of their contents, but this process is extremely slow, and the discharge, which may continue for a year, easily gives rise to thick and tenacious scabs. The eruption is sometimes exceedingly obstinate, being kept up by the successive appearance of fresh clusters of pustules, with the resulting mamillations. I have seen two cases in which the swellings on the legs changed into atonic ulcers, resembling rupia, and having foul-smelling, reddened bases, covered with vegetation. Pressure on these ulcers caused a pain like that felt in cuts on the fingers. They afterwards became covered with thick, dirty-yellow, offensively smelling scabs. In one case, the ulcers lasted three months, and in the other seven months. I have never noticed any sympathetic swelling of the glands, or fever. When these eruptive swellings, and this ulceration are cured, they leave behind them indelible traces in the shape of yellow spots covered with scabs; at first, nuclei can be felt in the subcutaneous cellular tissue, and in the vicinity of these the patients are troubled with itching, and even pain and cramps. Generally, the eruption disappears in not over four to six days after stopping the remedy. Only a few days are usually required for the complete development of the tumefactions. Their duration varies, of course, with the size of the dose, but it would appear, from what I have observed in patients, that it is longer in the case of those constitutionally subject to cutaneous diseases, especially herpes. One patient, belonging to this class, continued to be troubled with several of these swellings on his legs after the dose had been brought down to 2 grammes.

I have observed that the eruption is of more frequent occurence in winter. III. The third species of Bromine eruption is that which is least frequently observed. I have seen only three cases. It consists of slightly elevated, flat, smooth, red patches, of different shapes, long or oblong, with regular or uneven borders; from 4 millimetres to 2 centimetres in diameter, and varying equally in length; in one case, they measured 6 centimetres. They are of the color called "onion-peel" in the centre, cherry-red at the circumference, and these colors extend over a considerable space. They are very slightly raised, like patches of urticaria. Their bases are firm but elastic, as in *erythema nodosum*, which this eruption very closely resembles in the shape of the patches, their hardened bases, and their partial reappearance when rubbed. Their redness momentarily vanishes on pressure. They become white by contracting the underlying muscles, or compressing the adjacent parts. They itch at night, in bed, and in a high temperature; and are nearly or quite painless when pressed upon. Their appearance is preceded by itching and pains in the limbs, with a sort of stiffness. These preliminary symptoms have been, in some cases, so severe as to confine the patient to his bed for four days before the eruption became visible. In one case, motion of any limb was very painful. The patches appear on the extremities and trunk, avoiding the face, and number from four or five, to twelve or fifteen, on each limb. They vanish as suddenly as they came, but always leave behind them the subcutaneous induration. In one case, the lower halves of both inferior extremities were affected, for four days, with a well-marked œdematous swelling. In a single instance, I observed an unmistakable febrile reaction, as shown by a bodily temperature of 38.2° (Cent.), dry skin and accelerated pulse (92 to 104). This lasted five days, and was succeeded by a profuse perspiration. In two cases only there was coated tongue and loss of appetite. I have never known this eruption to appear except in winter. Its duration was twelve days when accompanied with fever, and in other cases six months; declining, during the latter period, from its first intensity, but never entirely going off until the advent of the warm season. For days or even weeks, after the disappearance of the eruption, and of all redness, elastic indurations, slightly painful on pressure, could be felt in the corresponding portions of the subcutaneous tissue. A yellowish discoloration, resembling ecchymosis, was visible in one case, on the former seat of one of the patches. The appearance of this eruption was always coincident with the prolonged exhibition of the remedy in quite large doses. IV. Several of my patients were attacked with a moist eczema of the legs, and very extensive pityriasis of the scalp. This kind of eczema is only cured by giving the medicine at longer intervals, or stopping it altogether,[54].—Affections of the skin seem to be especially seated in the sebaceous follicles and glands and in the sudoriferous glands, causing inflammation with an increase of the cellular elements; in one case the exanthema assumed a furuncular character, especially seated on the hairy portions of the face, on the forehead and neck; in another case, in a child of eighteen months, the eruption affected the forehead and extremities, and consisted of scattered pimples, partly of a dull whitish, and partly of a pale reddish color, from the size of milletseeds to that of peas, which on being opened exuded pus mixed with smegma; on the left lower leg there was also a swelling of the size of a half dollar, covered by a tense mottled epidermis, surrounded by a red infiltrated margin, which on being opened exuded smegma and pus; on the cheeks there were spots as large as a ten-cent piece covered with black crusts, which being removed showed

a pale red papillary swelling, which bled easily when touched, and seemed to be formed by the stoppage of the sebaceous follicles and distended by masses of smegma,[50].—Acuminated itching, burning spots, in the skin, especially in the shoulder and in the region of the neck, showing some similarity to acne,[43].—Some scattered acne pimples with yellow tips,[58].—Acne,[48].—(Dr. C. had seen an obstinate long-continued acne disappear entirely while the drug was being taken for a nervous affection),[24].—[390.] Acne on the forehead,[62].—An eruption appeared on the face and legs, which quickly became copious and very painful; it was like varicella, but the vesicles instead of drying up, became in many places confluent, and the clusters thus formed showed a tendency to enlarge, and exhibited numerous points of suppuration (after six days); a band of eruption up each side of the face and across the forehead, while the front and outer side of each leg were covered with it from knee to ankle. On the face it consisted of irregularly circular, elevated, flattened, light-brown crusts, varying in size from a pea to a fourpenny piece, surrounded by slightly red areolæ, and so adherent that they could not be removed without causing bleeding. On the legs, the skin between and around the spots was vividly red, exquisitely tender, hot and painful, the pain being of a burning, tingling character. Movement of the legs caused very severe pain; the smallest spots, which were also the most recent, consisted of circular elevated conical vesicles, filled with a milky-white semifluid matter, and seated on a slightly elevated hardened base; the largest spots were from one to two inches long, irregularly oval or oblong, elevated, flattened on the surface, and covered with flaccid moist cuticle, or light-brown crusts, under which the surface presented "numerous milletseed-like yellowish-red prominences." [Dr. C. was convinced that it was a severe and confluent acne excited by the medicine.] The eruption began by a minute red, hot and tender pimple, on the summit of which there very quickly formed a small yellowish-white tense conical vesicle pierced by a hair; if the vesicle were ruptured and gentle pressure applied, a smooth yellowish-white substance was obtained, which proved to be sebaceous matter with the bulbous root of the hair; if the vesicle were let alone, it rapidly enlarged, and then was found to contain pus. The crusts of the older spots were partially dissolved by ether, which, on drying, left a greasy stain, while the remaining portion of the crust was found to consist of epithelium and damaged blood-cells and pus-corpuscles. When the eruption had, after seven weeks, nearly died away, the medicine was again given in full doses; and on the sixth day, the eruption began to come out very actively, most on the legs, movement being again very painful,[24].—Acne does not always appear after taking the drug; I should say that two-thirds of the persons to whom I have given it continuously suffered from acne; I do not recollect ever to have seen it follow a single dose; the number and continuance of the eruption are variable; in some individuals it is sparse and each pustule is small; in others it is abundant, and many of the pustules are large; it affects the face, scalp, and back, rather than other parts of the cutaneous surface; the pustules appear in successive, but irregular, crops; they vary in size from a milletseed to a large pea; generally they disappear without suppuration, each individual pustule lasting only a few days; in some cases, suppuration occurs; when this takes place, each pustule lives longer than it otherwise would, and as new pustules are constantly cropping out, the eruption may become unpleasantly copious; a moderate degree of heat with some itching usually attends the eruption, but this is not invariable; no permanent scar or mark

remains after the disappearance of the pustules, though a red spot points out where they have been for some time after their departure,[48].—Numerous acne-like eruptions on the cheeks and forehead (after one month),[61].—Erythema and swelling of the nose; at least in one case this appeared to be its constant action; and in the experience of those who have given the drug largely, an ecthymatous eruption,[21].—Patches and pimples on both forearms,[57].—Eruption of red patches on the legs; pains in and around them; they are mostly about 1 centimetre in breadth, some about the calf are as large as 4 centimetres; the redness disappears on pressure, but returns immediately; the lightest pressure is painful. They are but little elevated, and impart to the finger a feeling of a hardness going deep down into the derma (as in erythema nodosum). There are ten of these patches on both legs; all movements of the legs are very painful,[57].—Eruption on the limbs resembling erythema nodosum, itching, especially at night; it consists of red patches, about 1 centimetre in length and breadth, slightly raised on an indurated base; the redness disappears under pressure; no pain on pressure. The eruption extends all over excepting the face; in some places it has disappeared without leaving any marks, or any cutaneous induration. The patches are of different sizes, irregular in shape, cherry-red on their circumference, onion-peel colored in their centre; they look like urticaria. They turn white on exerting the affected limb, or pressing on the surrounding parts. Pressure causes the momentary disappearance of the redness. Itching of the red places, in the evening, when going to bed, in the night, and in general on getting warm; they sometimes disappear and return spontaneously; there are at least thirty of them on the arms,[58].—On each leg, above a dirty-yellow scab of older date, is a red patch formed by an aggregation of acne-like pustules, some of which exude a creamy fluid, like that discharged from boils. Between the pustules appear yellowish-white spots, the size of milletseeds, and somewhat elevated; where there is no discharge, the surface is cherry-red and has a doughy feel; the skin around the eruption is light red. The patch rises to the height of from 0.003 m. to 0.004 m., is almost circular, and measures 0.025 m. in height, and 0.02 m. in breadth. Upon the right cheek is a very similar eruption, but not so far advanced; it is formed of vesicles and yellowish white pustules grouped in an exact circle around a cherry-red place where the skin is somewhat raised and flabby, as in essera; this patch is surrounded by a deep erythematous flush to a maximum breadth of 0.003 mm. The base of the patch is quite indurated; it is notably painful; its diameter is 0.015 m. and its height 0.002 m. to 0.003 m.,[55].—A papular eruption surrounded her forehead, and spread over the scalp,[22].—[**400.**] Eruption on the calves of very painful red pimples and tumors, with smooth, raised, shining edges; a central depression covered with a scab, and having a red periphery and a very hard and sensitive base,[56].—On each leg are two places covered with thick, dirty-looking, offensively-smelling scabs; these, when removed by poulticing, leave an uneven surface, formed by a kind of vegetation, and looking somewhat like the stomach of an ox. The patches are of a reddish color, and cause some pain, like that of a cut,[59].

Sleep and Dreams.—Sleepiness. Great sleepiness,[52].—When given in large medicinal doses, sleepiness or drowsiness and dull headache were occasionally noticed,[19].—Great sleepiness; drop asleep soundly in a chair during daytime; if waked up, fall right asleep again, lasting for five days (sixth day),[49].—Sleepiness, even to coma (after large and continued

doses),[43].—Inclined to doze, and often dropped off to sleep,[51].—Drowsiness,[29 33].—Drowsiness, somnolence, and constant dropping off to sleep,[25].—Extreme drowsiness; she slept all night, and would often fall asleep in her chair, and in most uncomfortable positions (after third day),[31].—[410.] Somnolence,[37 54].—More or less somnolence (after continued doses),[48].—Constant somnolence,[18].—The continued dose keeps up a sort of semi-somnolent state, whereby the system is predisposed to sleep, and slumber at night rendered more profound,[48].—The sleep is like a state of *heavy somnolence;* it is often broken by a start; yet there is no actual dreaming, rather a sort of vague nightmare; the slumber, however, is prolonged indefinitely, and waking is very difficult,[14].—Sleep,[20].—Deep sleep,[54].—Sound sleep, lasting eight hours,[16].—Quiet and profound sleep (after 40 or 50 grains at night, when simply wakeful in consequence of mental labor during the evening, but not exhausted),[48].—More profound slumber than usual (after 30 grs., when neither tired nor wakeful),[48].—[420.] "The hypnotic action," says Voisin,† referring to his patients in the Bicêtre, "was very remarkable upon them, both by day and night; some were obliged to sleep for a few minutes at a time in the midst of their work; none, in spite of whatever efforts they made to the contrary, could resist sleep directly after their evening meal; during the night their sleep was calm, and in the morning it was difficult to rouse them,"[48].—Decided hypnotic action upon an adult in a physiological or normal condition, whether given by day or night (after 30 to 60 grains),[48].—Slept well after smoking in the evening, which is never the case at other times, as it causes starting and nightmare,[49].—Slept better at night while taking the Bromide, but woke up frequently; during sleep there were many confused dreams,[49].—Profound and disturbed sleep, from which I woke with a mental struggle and effort, not knowing at first where I was, or what had become of me; in fact, I seemed to have gone far down into the gulf of sleep,[26].—***Sleeplessness.*** Wakefulness, not sleep, was the result; but if sleep did not follow the dose the general quietude and nervous sedation before described did (after 40 or 50 grains at night, after a day of hard and exhausting work),[48].—If the brain is already in an anæmic condition, it is not wise to deprive it still further of blood, by giving the drug; if this is done, sleep may sometimes follow, but more commonly the result will be the opposite,[48].—Only a half-sleep occurs,[14a].—Insomnia,[22].—***Dreams.*** Frequent dreams at night,[9].—[430.] The slumber is more or less disturbed by dreams, which were sometimes very heavy and difficult to shake off,[14a].—During sleep there were many confused dreams,[49].—Restless for four or five nights, being frequently awakened by voluptuous dreams, with severe erections,[42].

Fever.—Chilliness. Lowers the temperature,[20 48].—Skin cool,[30].—Skin cold and clammy (after a few days),[28].—Chilliness,[62].—Shivering (after a few days),[28].—Extremities cold,[46 47].—The extremities gradually grow colder,[48].—[440.] A general feeling of coldness, more or less marked, about the extremities (after one to two hours),[14].—***Heat.*** Fever,[54].—Feeling of heat in face,[16].—***Sweat.*** Perspiration at night,[3].—Abundant and viscid sweat, all over,[22].

Condition.—Aggravation.—(*Evening*), At 9 o'clock, headache in frontal protuberance.

† Bulletin Générale de Thérapeutique, tome 71, p. 102, 1866.

KALI CARBONICUM.

Potassium carbonate, K_2O,Co_2.

Preparation for administration, Triturations with sugar of milk.

Authorities. Note: Cases of poisoning caused by large doses of the crude substance, and presenting only the frightful and usually fatal effects of its caustic action are omitted; consult Boston Med. and Surg. J., 1862, Ed. M. and S. J., 1828, and works on toxicology. **1,** Hahnemann, Chronische Krankheiten; **2,** Gersdorff, ibid.; **3,** Goullon, ibid.; **4,** Hartlaub, ibid.; **5,** Neuning, ibid.; **6,** Rummell, ibid.; **7,** Robinson, proving on a middle-aged woman, with 12th dil., taken three times a day, Br. J. of Hom., 24, 515; **8,** Berridge, new symptoms in Mrs. —— (a patient), after repeated doses of the 4000th Jenichen, Am. J. of H. Mat. Med., 1876, 248; **9,** Berridge, Mr. ——, took 200th (Lehrmann), ibid.; **10,** same, Mr. ——, took several doses of 30th dil., N. Am. J. of Hom., N. S., 3, p. 502; **11,** Rabuteau, experiment on self with 5 grammes daily of *Kali bicarb.*, N. Y. J. of Med., 14, 100 (Gaz. Med.); **12,** Metcalf, effects of K. carb., 3d, in a woman with congestive headache, symptoms after two or three doses.

Mind.—Emotional. Delirium, day and night,[1].—Dread of being alone,[1].—Weeping mood; she could at any time burst into tears (after twentieth day),[1].—Very much depressed; she was obliged to weep much, because it was constantly in her thoughts that she must die,[1].—Great sadness; is obliged to weep without cause, in the evening,[4].—Sad, weeping mood, after physical fatigue in the open air,[2].—Sad, lonely; she seeks society in order to enliven herself,[5].—Despondency (first day),[1].—Great despondency, without anxiety,[1].—[**10.**] Uneasy in mind,[1].—*Anxiety, every day,*[1].—Anxiety, breaking out into tears (first day),[4].—He has anxious presentiments, in the evening,[1].—Sad presentiments of the future,[1].—At night after lying down, sad forebodings overtake him, on account of which he is unable to sleep,[1].—Fearfulness, in the evening in bed,[1].—*Fearful and anxious about her disease,*[1].—*Full of fears,*[1].—Fears that she cannot recover,[1].—[**20.**] Apprehensiveness and aversion to society,[1].—Apprehensiveness and great sadness,[5].—Faint-hearted and despondent to an excessive degree,[1].—Easily frightened, especially on touching the body lightly,[1].—**Very easily frightened,*[1].—She is frightened with a loud cry, by an imaginary apparition (as for example, of a bird flying to the window),[1].—Unusually out of humor, which can be noticed in his expression even before he himself remarks it,[2].—Very much out of humor, in the evening on falling asleep, and in the morning on waking,[1].—Fretful without cause (fifth day),[1].—Fretful mood, as if she could not content herself,[5].—[**30.**] During dinner, fretful, peevish mood, with drawing pain in the head (thirtieth day),[2].—He frets himself about everything, and is constantly out of humor,[1].—*Irritable mood,*[1].—*Irritable, peevish mood,*[1].—Very irritable, as after a vexation,[1].—Acutely irritable,[1].—Peevish, angry thoughts, in the morning after waking, so that he gnashes his teeth (after fourth day),[1].—Peevish, morose mood; every trifle vexes and every noise is unpleasant; worse at noon and in the evening,[2].—Becomes easily peevish,[1].—Very peevish, has no joy in anything,[1].—[**40.**] Extremely peevish mood (first eleven days),[1].—Impatient with her children,[1].—Easily aroused to anger,[2].—She easily becomes very violent,[1].—Disagreeable mood; he is obstinate and frequently does not himself know what he wishes,[1].—Disagreeable mood; she longs for things with impetuosity; is contented with nothing, is beside herself, and gets into a rage if everything

does not go according to her wishes, and frequently does not herself know what she really wishes to have,[1].—She is constantly in antagonism with herself; she does not know what she wishes, and feels extremely unhappy,[1]. —Alternating mood; at one time good and quiet, at another excited and angry at trifles; frequently hopeful, frequently despondent,[1].—Disinclined to everything, and indifferent,[1].—***Intellectual.*** Excessive hurry in thought and action,[1].—[**50.**] Dread of work,[2].—Distracted in mind; it is difficult for him to fix his attention upon a given object,[2].—Want of presence of mind, he cannot quickly see his way in his business (after fifteen hours),[1].—Irresolute mood,[1].—She springs up in bed at night while sleeping, says all sorts of senseless things to her husband, and for a long time cannot collect her senses, and does not know that she was talking with him,[1].—Sensation as if his thoughts vanished for a moment,[1].—At times a sensation as if his thoughts and memory vanished, with whizzing in the head,[1].—Frequently he is unable to find the required word and right expression; often makes mistakes in speaking,[2].—Loss of consciousness for a few minutes, so violent that all his senses disappear, and he would fall down if he did not hold on to something (after eighteen days),[1].—Loss of consciousness as if in the occiput, after speaking much, disappearing on pressing the eyes together,[1].

Head.—Confusion and Vertigo. [**60.**] Confusion of the whole head, as if screwed in, with sticking in the brain, with frequent pauses,[5].—Confusion of the head, as after intoxication, and as if the ears were stopped, with nausea, almost amounting to vomiting (after eight days),[6].—*Frequent confusion of the head*,[1].—Frequent confusion of the head in the morning, and heaviness in the region of the eyebrows,[1].—Confused feeling in the head, as if he had not slept enough, in the morning after rising, and a feeling as if befogged, with loss of liveliness,[5].—In the evening, after falling asleep and waking again, she was confused in her head, had no ideas, did not know where she was, and then was seized with frightful anxiety, after which she again became quiet,[1].—Feeling as if intoxicated (fourth day),[1]. —**Vertigo on suddenly turning the body and head*,[1].—**Vertigo on turning around*,[6].—An attack of vertigo as often as he rises from his chair and turns around,[1].—[**70.**] Vertigo, as if there were a depth behind him, and he would fall down, *on turning around*, after looking into a mirror and after reading,[1].—Vertigo, immediately on rising, as if the head were too light; she is obliged to hold it,[1].—Vertigo, especially after eating,[1].—Vertigo while sitting, like a swaying to and fro (before eating),[1].—Vertigo while sitting, so that he dares not rise for fear of falling,[5].—Vertigo, as if reeling, while standing and walking, better in the open air,[1].—Vertigo, as if intoxicated, while walking, so that he staggered from side to side,[5].—Vertigo while writing and in the open air; everything turns around with him,[5].—Dizziness in the head, mostly in the morning and evening,[6].—Very dizzy, even while sitting (after thirty hours),[6].—[**80.**] Giddiness in forehead, as if she would fall forwards, on holding head down,[3].—Giddiness in forehead while rising from lying to sit up in bed; she then opens her eyes wide as if to see, for she does not reach far enough forward if she tries to grasp anything; the same giddiness is felt during the act of lying down again, and she then also feels as if she were descending a great way; the giddiness is not felt at rest, whether sitting or lying,[5].—Frontal lightness and giddiness on moving, as if all things in the room were going round (not as if room were revolving), when talking or being talked to; feels as if she must lean head on hand, as it seems to hold head still, and relieves

the giddiness and lightness,[8].—***General Head.*** *A constant sensation in the head as though something in it were loose,* and turned and twisted toward the forehead,[1].—Painful turning and twisting within the head,[1].—The head several times jerks towards the left side, without loss of consciousness, whereupon the nape of the neck feels stiff,[1].—Dulness and confusion in the head, in the evening,[6].—Weakness of the head,[1].—Great warmth in the head, especially in the right side of the face, frequently (fifth day),[5].—Taking cold in the head is followed by pain in the head and teeth,[1].—[**90.**] Violent pain in the whole head, with throbbing and sticking in the knees, disappearing on moving about; in the evening,[5].—Burning painful sensation of heat in the head,[1].—Rising heat in the head, in the evening, before lying down; disappearing in bed,[5].—Headache in the morning on waking, lasting a quarter of an hour, for several mornings,[1].—During the menses, headache in the morning, with great heaviness,[5].—Headache relieved by sitting up in bed, aggravated by lying down,[1].—During the menses, great headache on the second day, from morning till evening,[4].—Violent headache for several hours, from walking in the open air,[1].—A feeling of fulness in the head, as if the brain pressed hard against the skull,[5].—Rush of blood to the head, and a feeling of intoxication therefrom,[1].—[**100.**] Rush of blood to the head, at night while lying in bed; at times it seemed as though the senses would vanish,[1].—Warm rush of blood to the head, with orgasm of blood in the body, and after some hours slight headache (immediately),[1].—After dinner constriction in the head like a band about it,[1].—Violent pressure from within outward, as if the brain would press forward,[5].—Violent pressive pain in the whole head, with shivering chill over the whole body, especially in the forenoon,[4].—Violent pressure over the whole skull, extending down the nape of the neck, throbbing in the head and whole body; the pain does not tolerate the slightest touch, and is aggravated in paroxysms, with excessive nausea and vomiting of bile,[3].—**Pressive headache,*[1].—Pressive headache for several nights, disappearing on wrapping up the head,[1].—Shattering headache,[1].—Dull sticking in the head (first day),[1].—[**110.**] Stitches through the whole head,[1].—Jerking-tearing pain in the head,[1].—Ulcerative pain in the head, after dinner; she was obliged to lie down, when it became better,[5].—Painful throbbing in the head when she writes,[1].—Jerking headache, the whole day,[1].—A painful sensation as of something movable in the head, worse on moving the head,[1].—Weakness in the head just over the eyes, after walking rapidly (seventeenth day),[1].—***Forehead.*** Heaviness and pain in the sinciput,[5].—A sensation on stooping as if something were sinking from the occiput towards the forehead,[1].—A feeling in the forehead as if a hot body were lying before it, frequently repeated while stooping and writing, disappearing on rising,[5].—[**120.**] Terrible headache through the eyes,[1].—A feeling in the forehead as if it would burst, in frequent short paroxysms,[5].—*Drawing in the forehead, in the forenoon and at midnight* (second and thirtieth days),[2].—**Pressure and drawing tearing in the forehead, extending into the eyes and root of the nose* (fourteenth, seventeenth, eighteenth, and twenty-first days),[2].—Pressure in the forehead, in the evening, on going to sleep, with qualmish nausea, as if the stomach were disordered; relieved by rest, aggravated when walking,[1].—*Pressure in the forehead, with photophobia,*[2].—Severe pressure and drawing in the forehead in the evening,[6].—Violent pressure from within outward, in the whole frontal region, while writing,[5].—Pressive pain in the forehead, like a confusion,[5].—Pressive pain in the forehead, with vomiting of mucus and acids,[3].—[**130.**] *Pressive headache in the forehead, in the afternoon, while walking, with*

peevishness (thirteenth, nineteenth, and twentieth days),[2].—Sticking in the forepart of the head,[1].—Violent sticking in the forehead the whole day, and at times also in the left side of the head; together with severe pain in the chest and icy coldness of the limbs,[1].—Stitches in the forehead like needles,[5].—Stitches in the forehead, in the morning,[1].—Stitches in the upper part of the forehead and above the temples, on moving the lower jaw,[1].—Tearing in the left frontal eminence (twenty-fifth day),[2].—Throbbing and beating in the forehead, and especially in the sides of the head, frequently intermitting; also after dinner, while walking and standing,[5].—A digging throbbing in the frontal bone, above the left eye,[5].—Throbbing pain in the forehead,[1].—[140.] Crawling pain above the forehead,[1].—***Temples.*** Pain in temples, especially in the right one, as if proceeding from the stiff neck,[3].—*Pinching pain in the left temple at intervals; also tearings,*[2].—Pressure in the right temple, from morning till noon (after eleven days),[6].—Pressure and pressing in the right temple (eleventh, nineteenth, and twentieth days),[2].—A sticking pressure inward in the left temple,[5].—Pressive pain from within outward, in the right temple,[5].—A sharp pressive pain in the temple, externally,[1].—Pressive headache in the left temple (sixth day),[2].—Pressive headache from both temples towards the middle.—[150.] **Sticking in the temples,*[1].—Sticking in the temples, even to starting up and crying out, in the right temple, with tearing,[5].—A stitch above the left temple, and immediately afterwards in the middle of the forehead, extending from within outward,[5].—Some tearing stitches in the left temple, extending into the zygoma,[1].—Tearing in the right and left temple, also in the left parietal bone,[5].—Beating vibration in the right temple,[1].—Jerking in the left temple,[1].—Painless bubbling-like twitching of the muscles in the right temple,[2].—***Vertex.*** Headache in the vertex, when pressing upon the head,[1].—Pinching pain in the whole upper part of the head, especially in the left side,[2].—[160.] Drawing and tearing on the vertex (thirty-third and thirty-fourth days),[2].—Pressure upon the top of the head, in the evening,[6].—***Parietals.*** A severe heavy sensation in the left half of the head,[5].—After taking cold, headache in the right side and heat in the eyes,[1].—*Paroxysms of one-sided headache, right and left, with weakness and exhaustion, almost amounting to nausea, in the evening,[2].—*A tearing drawing in the left half of the head,* above, in front of, and in the temple (twelfth, nineteenth, and twenty-fifth days),[1].—Pressure from without inward, on the right side of the skull, on rising up from stooping,[5].—A stitch through the right side of the head, from behind forward,[3].—Beating (throbbing) pain in the upper part of the left side of the head; on pressure the pain becomes more violent and sticking; more externally,[5].—***Occiput.*** Heaviness in the occiput, like a confusion,[5].—[170.] Heaviness in the occiput, as if it were filled with lead, the head constantly falls backward, with stiffness of the nape of the neck, extending to between the shoulder-blades,[1].—Aching and heaviness in the occiput, worse on swallowing,[3].—Drawing in the occiput and nape of the neck, especially in the right side, with stiffness,[2].—Pressure and burning low down in the occiput, with heaviness of the head, even to falling forward,[5].—Violent pressure in the occiput, with rush of blood in the head and a feeling of heaviness, while standing,[5].—Pressive pain in the occiput, extending to the nape of the neck, disappearing in the open air,[1].—Stitches extending from the nape of the neck into the occiput,[1].—Stitches in the occiput, on stepping and on stooping, as if upon the surface of the brain,[1].—Tearing, now in the right, now in the left side of the occiput, and now in the forehead (first day),[5].—Throbbing tearing in the right side of the occi-

put, close to the nape of the neck (sixteenth day),[2].—***External Head.*** [180.] **Dryness of the hair*,[1].—*Falling of the hair*,[1 4].—Pimples on the scalp,[1].—Painful pimple on the right side of the head, as if a boil would form (sixth day),[6].—Sticking pain externally on the head and in the nape of the neck, with a sticking swelling of the cheek, and sticking in the teeth,[1].—Fine stitches externally in various parts of the head,[5].—Violent tearing externally on one side of the head, while walking in the open air,[1].—Itching on the scalp,[1].—Itching on the scalp, with sore pain when scratched,[6].—Frequent itching on the head, especially on the occiput,[5].

Eye.—Objective. [190.] Redness and heat of the eyes,[4].—Blue rings around the eyes,[1].—*Redness of the white of the eye, with many vessels in it*,[1].—Swelling of the right eye,[1].—Inflammation of the whites of both eyes, with burning pain (fifth day),[1].—***Subjective.*** Dryness of the eyes (second day),[1].—Feeling of dryness in the eyes as from sand, and of intense sleepiness in the eyes,[1].—The eyes become painful and weak,[1].—The eyes are painful on moving them,[1].—Both eyes seem very hot to the touch,[1].—[200.] Eyes hot, with scalding tears, the lachrymation worse on looking at anything,[8].—Pain in the left eye on directing it upward,[1].—**Burning in the eyes*,[1].—Burning in both eyes,[5].—*Burning and biting in the eyes*,[1].—Burning and dryness of the eyes, worse in the open air than in the room,[5].—Eyes burn at night, especially left,[5].—Boring pain in the eyes,[1].—Pinching in the eyes,[1].—*Pressure in the eyes*,[1].—[210.] Pressure in the eyes, and dry matter in the lashes,[1].—Pressure upon the eyes and in the orbits, with sleepiness, at noon (thirty-sixth day),[2].—Pain as if the eyes would be pressed inward,[1].—**The eyes are painful on reading*, as if pressed inward,[1].—Biting and transient sticking pains in the eyes,[2].—*Stitches in the middle of the eye*,[1].—Stitches in the right eye (twenty-first day),[4].—Tearing in the left eye, in the evening before going to sleep,[2].—A pressive tearing within the right eye (twelfth and twenty-sixth days),[2].—*Smarting pain in the eye* (fourth day),[6].—[220.] Itching in the eyes,[1].—***Brow and Orbit.*** Swelling of the glabella between the eyebrows (twenty-first day),[1].—***Swelling between the eyebrows and lids, like a sac**,[1].—Pain as if a boil would form in the left eyebrow, in the evening in bed (eighth and thirteenth days),[2].—*Pressure above the eyes*, with a violent pain in the whole forehead,[1].—A boring pressure inward above the left eye,[5].—*Sharp tearing in the right orbit and in the eye at night* (thirtieth and thirty-first days),[2].—A pressive tearing in the region of the right eyebrow (twenty-sixth day),[1].—Jerking and twitching in the right eyebrow,[1].—***Lids.*** *Swelling of the upper lid toward the nose,[1].—[230.] **Inflammation of the lids of the right eye, with pain in the eyes and inability to read by the light*,[1].—Agglutination of the eyes, in the morning (after sixteen hours),[1].—The eyes are agglutinated by mucus in the morning,[5].—The eyes maturate in the canthi,[1].—Eyes gum in outer canthi, especially the left,[8].—The eyelids are difficult to open on waking in the morning,[1].—The eyelids close forcibly,[1].—Burning in the eyelids,[1].—The child complains of coldness in the lids,[1].—A pulling or tearing in the right lid and above the right eye,[1].—[240.] Pressure upon the lids,[1].—Stitches in the right external canthus,[5].—A feeling of soreness in the lids, on waking soon after midnight (twenty-fifth day),[2].—**Soreness of the external canthus, with burning pain*,[1].—Frequent soreness of the left external canthus,[1].—Itching of the margins of the lids of the right eye,[1].—***Lachrymal Apparatus.*** **Lachrymation* (second day),[4].—Lachrymation, especially of the right eye, with biting in one canthus (twenty-seventh day),[2].—Frequent lachrymation and rays around the candlelight, in the evening,[1].—Scalding lachrymation, especially

at night,[8].—[250.] Watering of the eyes,[5].—***Ball.*** Stitches in the eyeball,[1].—***Vision.*** **Photophobia;* painful sensitiveness of the eyes to daylight; the room must be darkened,[1].—Staring; it is with difficulty that she can remove the eyes from an object, and she is obliged to fix them upon it almost against her will,[5].—* *Weakness of vision*,[5].—Diminished vision after working in the water (washing); she can see only a small portion of objects, followed by stitches in the head above the eyes, with nausea,[1].—Vision vanishes when writing; white stars appear; therewith the lower lines seem to be above the upper so that he constantly re-writes on the upper line,[5].—Obscuration of the right eye, in the morning, lasting a few minutes,[1].—Objects seem confused when looking steadfastly at them, or when reading,[8].—White drops seem to fall down before the vision, on looking at snow,[1].—[260.] Spots, threads, and points before the eyes, when reading or looking into the clear air (after twenty-four hours),[1].—Sparks of light before the eyes,[1].—During the cough sparks seem to shoot from the eyes,[1 6].—Brilliant colors before the eyes,[1].—A yellow, glistening, tremulous cloud before the eyes,[5].—Yellow and white radiant wheels before the eyes are seen upon the paper when writing or in the open air; they turn in a circle and constantly become larger,[5].—Blue and green spots before the eyes,[3].—Black points and rings before the eyes, when reading,[1].—A small black ball floats before the vision,[1].

Ear.—Objective. Redness, heat and violent itching in the external ears,[1].—[270.] Soreness and suppuration behind the ears for four weeks (after twenty-one days),[1].—Inflammation and swelling within the ear, with pain about it (after three days),[1].—A boil occurs in the ear (after five days),[6].—Discharge of yellow thin wax or pus from the ear preceded by tearing in it,[1].—Discharge of offensive moisture from the ear,[1].—***Subjective.*** Stopped sensation in the ears,[6].—One ear becomes suddenly stopped (after three days),[6].—The right ear becomes suddenly stopped (in the evening while sitting), and in the left there begins to be a ringing, rushing noise, so that his head wavers a little,[1].—Pain in the ears,[1].—Pain and sticking in the ears (third day),[2].—[280.] Pain in the right ear,[2].—A sensation as if warmth streamed out of the left ear,[5].—Heat in the lobules of the ears,[6].—Coldness in the ears, in a hot room (second day),[1].—Boring and pressive pain in the ears (first day),[1].—Pinching sensation in the left outer ear,[2].—Drawing pain in one, then in the other ear (after four days),[6].—Pulling behind the right ear,[1].—Sharp sticking pain above and behind both ears,[1].—Stitches in both ears, in the evening in bed,[1].—[290.] Stitches and crawling within the ear, associated with a similar sensation in the stomach and œsophagus (thirtieth day),[2].—A constant dull stitch in the left ear, which disappears on shaking the head,[5].—Sharp stitches extending into the left ear, so that she starts up, in the morning,[5].—Fine stitches in the left ear from within outward, frequently repeated (thirteenth day),[5].—*Tearing in the ears*,[1 4].—Tearing in the right concha (twenty-fourth day),[2].—Tearing in the anterior margin of the right ear, frequently (first day),[5].—Tearing within the right ear,[2].—Tearing deep in the right ear, frequently renewed (first day),[5].—Tearing, now in one, now in the other ear,[1].—[300.] Painful tearing from within the left ear into the external cartilage, and at the same time in the bone above and beneath the right patella,[5].—Violent tearings in and behind the ear,[1].—Transient tearing in and about the left ear, as if in the bones,[2].—Ulcerative pain in the outer portion of the right ear, continuing a long time before midnight (third day),[5].—Gnawing internally and externally in the left ear,[5].—Throbbing behind ears, worse on moving

head,[8].—Throbbing in the right ear, at night, only when lying upon it (second day),[5].—Jerking above and behind the ear,[1].—Twitching in the left ear (tenth day),[1].—Twitching and trembling in the right ear, on rising from stooping,[5].—[310.] *Tickling in the ears*,[3].—*Violent itching in the ears* (after four days),[1].—***Hearing.*** Diminished hearing in both ears, slowly increasing and decreasing (during fourteen days),[5].—The hearing seems blunted in the evening (after fifteen days),[1].—When she talks the sound echoes in her head,[8].—Noises in the ears,[5].—Bubbling in the right ear, with discharge of much soft wax,[1].—*Cracking in the ears frequently*,[1].—Cracking in the ears, on forcible expiration,[1].—Cracking and roaring in the ears frequently during the day,[5].—[320.] Hammering in the right ear, frequent and very unpleasant, impairing the hearing,[1].—A kind of humming, such as is noticed just before fainting,[8].—Ringing in both ears,[5].—*Loud ringing in one ear* and roaring in the other,[1].—*Roaring in the ears*,[1].—*Violent roaring in the ears*,[1].—*Singing in the ears*,[3].

Nose.—Objective. The nose is red, hot, and covered with many white pimples,[1].—**The nose is thick and red;* especially worse in the afternoon,[1].—Great swelling of the tip of the nose,[1].—[330.] A small pimple in the left nostril (after five days),[6].—**Scurfy nostrils*,[4].—**Sore scurfy nostrils*, lasting a long time,[1].—Ulceration of both nostrils,[1].—Ulcerative pain in the right nostril,[5].—**Stoppage of the nose*,[1].—During the menses, on the second day, nasal catarrh, pain in the abdomen, toothache, pain in the back, sticking in the ears and restless sleep,[4].—Stopped catarrh (after twenty-six days),[4].—Stopped catarrh, so that he could scarcely draw his breath,[1].—Stopped catarrh, which disappears in the afternoon on walking (after three days),[5].—[340.] Stopped catarrh, with much yellowish-green mucus in the nose,[1].—Stopped catarrh frequently, also in the evening in bed, with crawling in the throat (after eleven days),[2].—Stopped catarrh, with itching in the nose; she could with difficulty get air enough through for several days (after four days),[5].—Coryza, with bloody mucus from the nose (after eight days),[4].—Fluent coryza the whole day, especially in the evening,[1].—Fluent coryza, with excessive sneezing, as many as thirty times in a day,[1].—*Profuse fluent coryza*,[1].—Profuse fluent coryza, every evening, with frequent sneezing,[1].—Profuse fluent coryza, with much sneezing, pain in the back and head (tenth day),[1].—Excessive fluent coryza (after twenty-nine days),[1].—[350.] Blowing of a purulent substance from the right nostril; it then becomes stopped and blowing causes a sticking, constrictive pain extending to the occiput,[3].—Offensive matter is blown from the right nostril,[1].—**Frequent bleeding of the nose*,[1].—Nosebleed in the morning,[1].—The right nostril is bloody every morning,[1].—***Subjective.*** Burning in the left nostril,[1].—Burning and biting in the upper part of the left nostril extending into the ethmoid bone (twenty-third day),[2].—Violent burning in the nose,[1].—A pinching in the nose and root of the nose, especially on the right side (twenty-third day),[2].—Itching in the nose,[1].—[360.] Frequent itching in the right nostril,[5].—***Smell.*** Acute smell,[1].

Face.—Objective. **Sickly color of the face, with pale lips*,[4].—**Paleness of the face* after a meal,[1].—Before and after dinner paleness of the face, nausea, vertigo, with eructations, weakness of the limbs, and coldness of the hands and feet, though not without appetite,[2].—**Paleness of the face and weakness*,[1].—Pale face, with weak eyes,[1].—Lifeless expression,[1].—Face pale and hollow-eyed, especially in the open air, in which the child looks as if frozen,[1].—The child becomes glowing red in the face in the morning, vomits its breakfast, then becomes deathly pale; after repeated vomitings,

it again becomes well, but remains very weak for two days,[1].—Burning-red cheeks for half an hour in the evening, followed by great paleness of the face,[1].—[370.] Cheeks thick, with tearing and sticking,[1].—Cheeks thick, red, with fine papulous eruption, also on the nose,[1].—Swelling of the right cheek in the lower portion, with stitches and pain when touched,[1].—Great swelling of the cheeks, which develops into ulceration of the gum, without previous toothache,[1].—***Cheeks.*** Burning in the face beneath the right eye,[5].—Pressive drawing in the muscles of the cheeks near the lower jaw,[2].—Tearing in the left zygoma, and afterwards in the inner side of the cheek,[2].—Tearing in the left zygoma, only mitigated by pressing upon it, with a sensation as if the cheek were swollen, through the evening and night till the next morning, so that she cried and could not sleep,[5].—Pinching-tearing in the right zygoma, extending into the palate,[2].—Twitching in the left cheek, with fine burning stitches, with tearing extending into the left temple, in the evening,[5].—***Lips.*** [380.] Lower lip thick and ulcerated,[1].—Swelling of the upper lip, with cracks, sensitive to touch and bleeding easily,[1].—Burning in the lips,[4].—Burning in the lower lip,[5].—Cramplike sensation in the lips,[1].—A stitch in the upper lip,[5].—Tearing in the left side of the upper lip and in the gum, disappearing on pressing upon them,[5].—Soreness of the red of the lips; they are sticky, as if agglutinated, in the morning on waking,[1].—Smarting, sore pain around the mouth in the margin of the red of the lips, very sensitive to touch,[1].—***Chin.*** Swelling of the lower jaw and the glands, with looseness of the teeth,[1].—[390.] Grinding of the teeth at night in sleep,[1].—Pinching pain in the right lower jaw, not far from the articulation,[2].—Distressing cramp in the jaws, which also draws the pharynx together,[1].—Tearing in the lower jaw and in front of the right ear,[5].—Tearing extending from the left temple into the articulation of the jaw in the evening,[2].

Mouth.—Teeth. Offensive odor from the teeth,[1].—A tooth is prominent and very painful on chewing,[1].—Looseness of all the teeth,[5].—One and another tooth becomes loose and sensitive, or a spot on the bone of the face becomes painful and seems to be very sensitive like a tooth, followed by jerking or tearing in one point by paroxysms,[1].—Feeling of looseness of a left upper back tooth,[5].—[400.] Pain in the teeth daily on waking in the morning,[4].—Pain in the teeth on taking water into the mouth,[4].—Pain in the teeth of the left side in the morning in bed and the whole forenoon (second day),[5].—Pains in the roots of the teeth of the left side every morning after waking, aggravated by eating (third day),[5].—*Toothache only on taking food*,[1].—Frequent attacks of toothache as soon as anything cold is taken into the mouth; relieved by warmth,[5].—Toothache with faceache,[1].—Toothache like a constant settled pain, as if something had got into a hollow tooth, only transiently relieved by cold water, with drawing behind the ear and into the head, at last jerking in the tooth and disappearance of the pain,[1].—*Toothache only when eating*, a throbbing in all the teeth,[1].—*Toothache only when eating, at noon and in the evening, frequently at the very first mouthful, *as if something had got into a hollow tooth*, with intolerable drawing, extending to the eye and ear only by paroxysms, which intermit for half an hour,[1].—[410.] Toothache after eating, extending into the bones of the cheek and ear, where it becomes seated and is a sticking pain,[1].—Toothache, followed by swelling of the gums,[5].—Constricting toothache in the upper and lower teeth,[1].—Burrowing toothache in the left lower jaw, caused by picking the teeth,[5].—Violent digging in a left upper back tooth after dinner,[5].—Drawing in the roots of the front teeth and in the

left back teeth mostly in the evening,[2].—**Drawing toothache as soon as she gets into bed in the evening, not during the day,*[1].—**Pressive toothache in the root of the last hollow back tooth in the evening,*[2].—**Boring, pressive toothache always after dinner, as if something got into the tooth,*[1].—*Sticking in the teeth* and gum, followed by swelling of the cheek with sticking pain (fourteenth day),[1].—[**420.**] Burning-sticking pain in a tooth, especially at night, with internal chilliness and with swelling of the lower jaw and gum (thirty-second day),[1].—Sticking pain in the front teeth, with a feeling of bluntness, during supper (thirty-second day),[1].—Burning-sticking toothache, especially at night, as if a hot iron were sticking into it,[1].—Some stitches in the teeth, and frequent sneezing in the morning on waking,[4].—Some stitches here and there in the front teeth in the evening,[2].—Violent stitches in the teeth,[1].—Tearing in the teeth and lower jaw of the right side,[1].—Tearing and griping in a back tooth and in the zygoma of the left side, caused and aggravated by cold, relieved by tight binding,[5].—Tearing toothache during or soon after eating,[5].—The teeth are painfully sensitive (fourth day),[1].—[**430.**] Throbbing and beating in the teeth on motion, at other times a burning pain,[1].—Throbbing and picking in a right upper incisor after dinner,[5].—Jerking and drawing in a tooth, as if it were being eroded, usually after eating and at night, for a long time together,[4].—Itching of the teeth after supper,[5].—Itching and digging in a left back tooth after dinner; relieved by pressing upon it,[5].—Corrosive, violent itching pain in various teeth and in the gum, not relieved by picking the teeth,[1].—***Gums.*** Gum redder than usual,[1].—Painful inflammation in the front gum,[1].—Great swelling of the gum above the upper back teeth, with swelling of the left tonsil and cervical glands (ninth day),[1].—An ulcer on the gum,[1].—[**440.**] An ulcer on the lower outer gum of the right side,[5].—Tearing pain in the gum just above the first incisors,[2].—Tickling in the gum, and bleeding of it after sucking with the tongue,[5].—Soreness of the inner gum of the front teeth,[1].—***Tongue.*** Swelling of the tongue, with many small painful blisters upon it,[1].—Painful blisters on the tongue and on the gum,[1].—**A painful pimple on the tip of the tongue,*[1].—Tongue dry, white, as from something acid, in the morning,[1].—The tongue is frequently very dry and almost without sensation in the morning on waking,[4].—Burning of the tongue and lower lip,[5].—[**450.**] **Burning on the tip of the tongue, as if it were raw or covered with blisters,*[5].—**Soreness of the tip of the tongue,*[1].—Soreness of the frænum of the tongue,[1].—***General Mouth.*** Offensive odor from the mouth, like old cheese, every morning,[1].—**Painful blisters in all parts of the mouth, with burning pain,*[1].—Numbness in the mouth, as if burnt, in the morning after waking,[5].—Dryness of the mouth wakes him from sleep in the morning (seventh day),[1].—Dryness in the mouth after rising in the morning,[5].—*Dryness in the mouth, without thirst, in the evening,[5].—Dryness of the mouth prevents sleep at night,[1].—[**460.**] Sensation of dryness and accumulation of saliva in the mouth; is obliged to spit very much,[1].—Violent burning in the mouth, in the morning, and thirst,[1].—*Sticking and biting in the posterior portion of the palate,* as from too great dryness, before the outbreak of catarrh, aggravated by swallowing, in the morning and evening (eighth, ninth, twenty-ninth, thirtieth, and forty-first days),[2].—Dry, sticky sensation in the mouth,[1].—Soreness of the inner mouth,[1].—The inner mouth and tongue feel raw, as from something acrid,[1].—Itching on the hard palate (tenth day),[4].—***Saliva.*** Accumulation of water in the mouth,[6].—Constant accumulation of water in the mouth,[5].—She awoke every night for three nights consecutively, at about 3 o'clock, with a sen-

sation of water running from the mouth; she sat up in bed, and was employed for some time in spitting up successive mouthfuls of water, which seemed to be pumped up from the stomach; there was not the least nausea or inclination to vomit; the water was not sour nor alkaline; she had never been troubled in the least with dyspepsia, nor ever before experienced such a symptom; it was unattended with pain or any abnormal sensation, and ceased immediately when the medicine was discontinued,[12].—[470.] *Much saliva constantly in the mouth*,[1].—Much saliva runs from the mouth, even during the day,[1].—Insipid, glutinous saliva in the mouth,[1].—***Taste.*** Sweetish taste in the mouth,[1].—Bad taste in the mouth,[4].—**Bad taste and very slimy mouth*,[1].—Offensive taste to the water in the mouth,[1].—**Foul taste in the mouth*,[1].—Bitterness in the mouth,[1].—Bitterness in the mouth, with nausea (first day),[5].—[480.] Bitterness in the throat,[1].—Bitter taste in the morning,[1].—Bitter, sour taste in the mouth after breakfast,[1].—Sour taste in the mouth every day,[1].—Acidity in the mouth at night,[1].—Taste of blood in the mouth, in the morning after waking, for three hours,[5].—Loss of taste, in the morning on waking, though only for a short time (second day),[5].

Throat.—Objective. **Much mucus in the back of the throat*, which is only loosened after much hawking,[5].—Much mucus in the throat, especially in the morning,[4].—Frequently much mucus in the throat (first three days),[1].—[490.] Tenacious mucus in the back of the throat, in the morning, which can be neither completely swallowed nor hawked up, with a constant sensation as though a lump of mucus were sticking in the throat (sixteenth day),[1].—Hawking, with expectoration, in the morning,[1].—Increased hawking of mucus (nineteenth day),[2].—***Subjective.*** Dryness far back in the throat,[6].—Feeling of a lump in the throat,[1].—On waking in the morning, feeling of a little lump in front of the throat about the root of the tongue, worse on swallowing saliva, which makes it smart; better on swallowing food, which makes it seem to go lower; worse after singing in evening,[8].—Something like a plug sticking in the throat, which is loosened by the cough, and the larynx becomes free,[1].—Anxious pressure in the throat,[1].—Soreness of throat, worse on swallowing saliva, better by swallowing food, came on in the evening and lasted all night; soreness next evening, worse after singing,[8].—Soreness of throat seems to go into ears when swallowing food or saliva,[8].—[500.] Sore throat, with difficult swallowing and difficult opening of the mouth,[1].—Sore throat on the left side; he feels a lump there, with sticking on empty swallowing,[6].—Sore pain in the throat,[1].—Sore pain in the throat, above in the palate, *on empty swallowing*, also worse on swallowing food, is only noticed when swallowing,[1].—*Scraping* sensation *in the throat*, it feels *dry, parched, and rough* (after five or six days),[7].—Scraping and scratching in the throat (after eight days),[1].—Smarting sore throat on swallowing,[1].—Roughness in the throat, on uncovering the body,[1].—Great roughness in the throat, with much sneezing,[1].—*Throat rough, with a cough*,[1].—[510.] Throat very rough and hoarse for several days,[4].—*Crawling in the throat, which provokes hawking and coughing*, with a feeling of firmly adherent mucus, in the morning and evening (twelfth, twenty-second, and twenty-ninth days),[2].—***Uvula and Tonsils.*** Elongation of the uvula, with stiffness of the nape of the neck,[3].—Tonsils feel swollen as if touching, causing feeling of suffocation, worse on lying down; the swollen feeling always comes on at the same time as the stiffness in neck and back,[8].—***Pharynx and Œsophagus.*** *Sticking pain in the pharynx, as if there were a fishbone in it, *if he becomes cold*,[1].—Pressure and tearing

in the œsophagus (ninth day),[2].—Sensitiveness of the œsophagus; warm food burns it; she is able to take only lukewarm nourishment,[1].—***Swallowing.*** *Difficult swallowing, *the food descends the œsophagus* very slowly,[1].—**Swallowing is hindered in the throat,*[1].—The food will not go down; she is quite unable to swallow dry or cold things,[1].—***External Throat.*** [520.] *Swelling of the cervical glands* (after five and fourteen days),[1].—Swelling of the cervical glands of both sides, with pain on turning the head,[1].—Swelling of the cervical glands; tickling so that she is obliged to press upon them with the cold hand in order to relieve it,[1].—Right cervical gland became swollen in the evening,[8].—Hard swelling of the cervical glands, at the angle of the lower jaw,[1].—Hard swelling of the parotid gland near the articulation of the jaw, with pain when touched,[1].—Swelling of a gland beneath the chin; it is painful after taking cold,[1].—Rush of blood to the neck,[1].—The neck seems thicker than usual, and the neckcloth too tight,[1].—Sticking in the cervical glands,[1].—[530.] The cervical glands are painful as after taking cold (third day),[1].—Both sides of neck tender to touch, or on moving head,[8].—Submaxillary glands painful to touch,[6].

Stomach.—Appetite. Increase of appetite,[11].—Great hunger,[1].—Great longing for acids,[1].—Little appetite,[2].—Little appetite, with insipid taste in the mouth, though food tastes good,[1].—He eats without hunger,[1].—Does not relish his food,[6].—[540.] *He is averse to food, especially to meat; it has a good taste when he eats, yet he does not eat much,[2].—Disgust for everything,[1].—Aversion to black bread,[1].—***Thirst.*** Thirst, in the evening before lying down,[5].—Thirst at night,[5].—Great thirst, in the forenoon,[1].—***Eructation and Hiccough.*** Ineffectual desire to eructate, followed by spasmodic constriction in the stomach, in the morning and afternoon,[5].—After the spasmodic attack, eructations, followed by relief and extreme prostration, weakness, and discomfort; she could only speak very softly,[5].—The constrictive spasmodic paroxysmal pains in the stomach are followed by eructations, which frequently relieve, or by chilliness and shivering, with shaking, though mostly only in the hands, back, and head, and the usual stool,[5].—*Frequent eructations, especially in the morning,*[1].—[550.] Loud eructations, with accumulation of water in the mouth,[5].—Eructations tasting of the food,[1].—At night eructations of food eaten at noon,[1].—**Uprisings of food and acids, following great uneasiness starting from the pit of the stomach,*[3].—Sour eructations after eating,[1].—Many sourish eructations, in the afternoon, with qualmishness,[1].—Eructations as of sour bitter water,[5].—Acid eructations, in the morning (tenth day),[1].—Acid rising from the stomach up into the mouth,[1].—Sour uprisings,[1].—[560.] **Uprising of water from the stomach, much of which she expectorates;* after midnight,[5].—Something constantly rises from the stomach into the mouth (soon),[5].—Waterbrash,[1].—Hiccough, at noon,[5].—Constant hiccough before midnight,[5].—***Heartburn.*** Heartburn,[1].—Heartburn for three hours after supper,[1].—After eating flatulent food (vegetables) burning like heartburn extending from the stomach up into the pharynx,[1].—***Nausea and Vomiting.*** Nausea as if she would become faint,[4].—*Nausea as if to faintness,* only disappearing when lying down; in the forenoon,[1].—[570.] Nausea, in the forenoon, lasting an hour,[1].—During the cough, nausea,[1].—On eating fried fish, nausea amounting to vomiting,[1].—Nausea with qualmishness, accumulation of water in the mouth (and diarrhœa),[6].—Nausea as from a disordered or empty stomach, which does not disappear on eating, with frequent waterbrash,[5].—Attack of nausea, even in the morning, violent yawning, eructations, twisting about

the stomach, violent heat and anxiety (third day),[1].—Attack of nausea and vomiting, with bruised pain in the abdomen, worse on pressing upon it; together with great prostration, confusion of the head, sleepiness, and some watery stools, followed by constipation,[1].—Nauseated constantly, as if he would vomit (soon),[5].—**Nauseated very easily, especially after a meal,*[1].—**Nauseated on every inward emotion,* *every worry and every joy, and at any time in the day, though when she is fasting there is only retching,*[1].—[580.] Great nausea in the stomach, with trembling of the hands and feet,[5].—Qualmishness as if he would become faint,[1].—Qualmishness in the stomach, at night in bed; gradually disappearing on rising,[5].—Qualmishness the whole day and many eructations early in the morning,[6].—Retching in the throat, which for a time increases and then decreases, with shortness of breath,[5].—Efforts to vomit, for several evenings,[1].—Vomiting with faint-like sinking of the strength,[3].—Vomiting frequently without an overloaded or disordered stomach; the next day weak and without appetite (after thirteen days),[1].—*Vomiting of food and acids, with nausea,[3].—At the time when the delayed menses should have come on but did not, she was attacked with sour vomiting, swelling of the cheeks, with stitches, though without heat, and swelling of the gum,[1].—***Stomach.*** [590.] Rumbling, gurgling, and movings in the stomach as from flatulence, or as to diarrhœa,[5].—Heaviness in the stomach,[1].—Feeling in the stomach as from flatulence,[1].—Frequent pain in the stomach, though seldom in the afternoon, always preceded by swashing in the abdomen, relieved by eructations and emission of flatulence,[5].—Heat rises from the abdomen into the stomach in the forenoon,[5].—Burning in the stomach,[1].—Burning in the stomach, in the forenoon, after eructations,[1].—**Burning acidity rising from the stomach, with some spasmodic constriction,*[1].—Fulness in the pit of the stomach,[1].—Fulness and pressure in the epigastric region,[1].—[600.] During the menses, great fulness and nausea after eating, soon followed by vomiting,[1].—***A constant feeling as if the stomach were full of water,***[5].—Constrictive pain in the stomach and extending towards the pharynx,[1].—Violent constrictive pains in the stomach, even at one o'clock at night, which extend into the chest and under the shoulders, where they become sticking, with choking in the throat and oppression of the breath; followed by anxiety, transient perspiration, and eructations, which afford relief; recurring in frequent attacks till morning,[5].—Painful contraction from both sides of the stomach, with feeling of fulness, relieved by vomiting clear water,[5].—Spasmodic contraction of the pit of the stomach and transversely across the chest,[1].—The constrictive spasmodic pains in the stomach are renewed by the slightest food or drink (especially cold),[5].—Screwing-together pains in the stomach, especially at night, extending into the chest and into the intestines, as if they would rend the stomach, impeding the breath and speech; in paroxysms,[5].—Violent cramp in the stomach, almost like a pressure and cutting (soon),[5].—Violent, though intermitting cramps in the stomach, relieved by walking, in the morning,[5].—[610.] Violent jerklike cramp in the stomach at night, an hour after falling asleep, with anxiety, groaning, and coldness of the tip of the nose, hands, and feet, followed by vomiting of food and acids, with many eructations of air; again the following night, though less,[3].—At the beginning of a stool severe attack of cramp in the stomach so that she was immediately obliged to sit down; she passed urine, and while sitting the pain was increased, so that she doubled herself up and could not speak; with nausea, eructations, and vomiting of water, with retching; before the vomiting shivering, during it reeling, with shaking of the hands and feet;

afterwards anxiety and heat of the whole body; relief of the pain and deathly paleness of the face, and at last the usual stool (after a quarter of an hour),[5].—**Swollen feeling about the whole epigastric region*,[5].—Spasmodic pains in the stomach, with oppression in the pit of the stomach,[1].—*Digging in the stomach*, with painful contraction and sensation as if everything would be turned about, with rising of water in the mouth; disappearing during dinner but returning afterwards, with burning extending up into the throat,[5]. —Digging burrowing in the stomach as if it would be pierced through,[5].—Digging in the pit of the stomach, in the afternoon; followed by frequent eructations of bitter water, almost like waterbrash,[1].—Drawing and cutting transversely in the stomach, in the morning after rising,[1].—Pressure and burning in the stomach, at night,[2].—Pressure in the stomach frequently in the morning on waking,[1].—[**620.**] Pressure in the stomach, as from a stone, in the morning in bed, relieved by hawking,[5].—**Pressure in the stomach like a heaviness after eating*, especially after breakfast,[1].—Pressure in the stomach, with rumbling, feeling of emptiness, and eructations,[5].—Pressure in the pit of the stomach (after twenty-one days),[4].—Pressure in the pit of the stomach and lower portion of the chest, with difficult respiration and rising of heat to the head; after lasting half an hour it disappeared with eructations,[5].—Pressure below the pit of the stomach, in the morning and afternoon, relieved by bending the body backward and after eating,[1].—Pressure beneath the pit of the stomach, at night, with cough,[1].—Pressure across above the stomach and beneath the hypochondria, in the evening in bed, lasting half an hour,[1].—Pressive pain in the pit of the stomach, which obliges lying down,[1].—**Attacks of pressure in the stomach, extending up into the chest*, with want of breath, even amounting to suffocation, nausea, and great prostration; she was obliged to lie down, was seized with trembling of the hands and feet, then vomited bitter water with relief,[5].—[**630.**] Bread only oppresses the stomach after eating,[1].—Painful cutting in the pit of the stomach, during and after breakfast,[5].—Cutting pain in the stomach towards evening,[5].—**A feeling in the stomach as if cut to pieces*, with great sensitiveness of the epigastric region externally; *in the morning*,[5].—Sticking in the stomach, extending towards the left axilla and afterwards into the small of the back,[5].—Sticking pain in the stomach, with a sensation as if everything would be turned about, returning after dinner,[5]. —Sore pain in the pit of the stomach, during inspiration and expiration,[1].—**Great sensitiveness of the epigastric region externally*, to touch, eating, talking, etc.,[5].—**Throbbing in the epigastric region, which is painful to touch*,[1].—**Throbbing in the pit of the stomach, like a violent palpitation of the heart*, whereby the pit of the stomach visibly rises; mostly in the morning, lasting a quarter of an hour,[1].—[**640.**] Jerking in the right side near the pit of the stomach (after a few hours),[1].—A sudden shock in the stomach, which changes to eructations of air or hiccough,[1].—Milk does not agree with her,[1].

Abdomen.—Hypochondria. Stitches in the left side of the abdomen, beneath the ribs,[2].—Sharp stitches and sticking-tearing in the left side of the abdomen, beneath the short ribs (eighth, ninth, seventeenth, and twenty-fourth days),[2].—A simple pain in the hypochondria, with gurgling,[1].—Stitches in the hypochondria and pit of the stomach, which impede the breathing,[1].—Cutting pain in the right hypochondriac region, with pressure in the pit of the stomach,[5].—Sticking-tearing in the right hypochondriac region,[2].—**Feeling of heat in the hepatic region*,[1].—[**650.**] *Burning pain in the hepatic region* (first day),[1].—*Sticking in the hepatic

region, which seems like pleurodynia,[1].—**Pinching-sticking in the hepatic region,*[2].—Dull stitches in the hepatic and right inguinal regions,[2].—Frequent dull stitches in a small spot in the hepatic region, with sore pain when touched (eighteenth day),[2].—*Sharp stitches in the hepatic region,[2]. —*Pain in the liver*, while walking, several days in succession,[1].—Drawing pain in the liver,[1].—Pressure in the liver changes to heaviness,[1].—*Pressure extending towards the liver*, as if starting from the right breast, with throbbing in the epigastric region, which is painful to touch,[1].—[660.] Pain in the liver like a soreness after pressure,[1].—***Umbilical and Sides.*** Painful retraction of the umbilical region, while sitting, disappearing on moving about,[5].—Burning about the umbilicus, with griping in the abdomen, during dinner,[5].—Griping below the umbilicus, during dinner and after rising from a seat; burning in the right inguinal region, with great internal and external sensitiveness, and a feeling on stooping as if something would fall out, gradually disappearing during rest,[5].—Pressure and digging in the abdomen below the umbilicus, as from incarcerated flatulence, therewith he is obliged to sit bent over; worse on walking in the open air (nineteenth day),[1].—**Slight cutting about the umbilicus, frequently*,[5]. —Stitches at times above the umbilicus, as from flatulence,[1].—Severe pressure in the left side of the abdomen from stooping (ninth day),[1].—Pinching pressure in the left side of the upper abdomen, as from incarcerated flatus (eleventh day),[2].—**Cutting pain in the left side of the upper abdomen,** *extending from the lower portion of the left chest, where there is a sticking at the same time*,[2].—[670.] Dull sticking in the right side of the upper abdomen, after dinner,[2].—Stitches in the right side of the abdomen, while laughing,[1].—Stitches in the right side of the abdomen, as after retaining urine during sleep, relieved by emission of flatulence,[1].—Dull stitches in the right side near the umbilicus (nineteenth day),[2].—Stitches like fine jerkings in the right side of the abdomen,[1].—Tearing, at times jerking in the right side of the abdomen or flank, in the evening (sixteenth and seventeenth days),[2].—***General Abdomen.*** Distension of the abdomen, with pressive pain, feeling of fulness, weakness, and disinclination for every motion or mental effort,[2].—**Hard distension of the abdomen, with painfulness of the umbilical region, to touch*,[1].—*Abdomen distended,[2].—*Distended abdomen, after eating,[1].—[680.] Abdomen very much distended,[1].—During the menses, much flatulence, bad taste in the mouth, and frequent eructations of bile,[1].—*Incarcerated flatulence*, also after twenty days,[1].—Incarcerated flatulence, with colic,[1].—Incarceration of flatulence, followed by emission of an unusually large amount of wind,[1].—Movings about in the abdomen, followed by cutting in the stomach, with pressure extending up into the throat, during rest and motion,[5].—Movings about in the abdomen, with urging to stool, disappearing after emission of flatulence,[5].—Rumbling in the upper abdomen (before dinner), as before diarrhœa, with slight colic (first day),[2].—Constant rumbling in the abdomen, with frequent eructations and yawning,[5].—*Discharge of much flatulence* (after fourteen days),[1].—[690.] Emission of much flatulence, at night,[1].—Emission of flatulence difficult and impeded, with unsatisfactory stool,[1].—Emission of offensive flatulence,[3]; at night,[5].—Flatulence passes upward and downward, with relief,[5].—Many disturbances caused by flatulence (first, second, and third day),[1].—Urging to pass wind, he could scarcely restrain it,[1].—During the menses, pain in the abdomen, bad taste in the mouth, rumbling in the bowels, great weakness and sleepiness,[4].—Violent pain in the abdomen, which sometimes extends towards the hips, lasting

till late into the night (first day),[4].—Tormented by flatulence, for three nights in succession,[1].—Burning and drawing in the abdomen,[1].—[700.] Chilliness and swashing in the abdomen, as if it were full of water, though almost entirely upon the right side, in the evening,[5].—**Feeling of coldness in the abdomen, as if a cold fluid passed through the intestines (during menstruation),[5].—**Fulness, heat, and great distension in the abdomen, immediately after eating a little,[2].—Abdomen tense, very much distended (after the disappearance of the cough caused by Kali),[1].—Distension, dragging asunder, and griping in the abdomen, followed by soft stool,[5].—Spasmodic constriction of the abdomen, causing coldness,[1].—Constrictive colic,[1].—Pinching colic in the upper abdomen, in the morning (eleventh day),[2].—Cramplike pain in the abdomen (twenty-fifth day),[4].—Griping in the abdomen, in the morning in bed, preceded by chilliness, with urging to a soft stool,[1].—[710.] Griping in the upper abdomen, towards noon (twenty-fifth day),[2].—Griping and uneasiness, in the abdomen, after taking soup at noon and in the evening, and also after eating warm cakes in the morning,[2].—At night, griping in the abdomen, at intervals, with nausea and constant eructations,[1].—Griping in the abdomen and distension of it,[1].—Griping in the bowels, with the usual stool, followed by constant urging, lasting till afternoon, when a liquid stool followed (fourth day),[5].—Violent drawing in the abdomen, arms, and legs, with bruised pain in the upper arm, worse during rest (first day),[1].—Pressure in the abdomen,[1].—Pressive pain in the upper abdomen, as far as below the pit of the stomach, in the evening (thirty-fifth day),[2].—Pressive flatulent colic, after breakfast, only transiently relieved by emission of flatus (fourteenth day),[2].—At night, colic, from the slightest movement in bed, not during rest; dull sticking and pressure, as from an induration,[1].—[720.] Pressure in the bowels after a difficult scanty stool,[2].—**During the menses, cutting in the abdomen,[5].—Cutting in the left side of the upper abdomen,[2].—Cutting and drawing in the abdomen, like false labor-pains (twelfth day),[1].—**Cutting in the abdomen, as if everything would be torn to pieces*, at first deep in the lower abdomen, then higher up (first day),[1].—**Cutting in the intestines; violent pain; in order to relieve it he is obliged to sit bent over, pressing with both hands, or to lean far back; he cannot sit upright*,[1].—Cutting in the upper abdomen, as from flatulence moving about, with emission of flatus, while walking,[2].—**Frequent cutting in the abdomen, as before diarrhœa*,[1].—Cutting colic, for two hours at night, without subsequent stool, then in the morning pain in the small of the back and chest, and in the afternoon all the limbs feel bruised,[1].—Dull stitches and pressure in the left side of the upper abdomen (tenth and twentieth days),[2].—[730.] Colic and diarrhœa, at night,[1].—Colic, with many eructations,[1].—Colic, with many eructations and spitting of saliva,[1].—Colic from flatulence,[1].—Flatulent colic, relieved by eructations and passage of wind,[1].—Sore pain in the abdomen, with pressure towards the genitals, as during menstruation, with pain in the small of the back,[1].—**The abdominal muscles are painful to touch*,[1].—**Throbbing in the abdomen*,[1].—Jerkings in the abdomen,[1].—During the cough, pain in the abdomen like a shock,[1].—***Hypogastrium and Iliac Region.*** [740.] Thickness† of the lower abdomen,[1].—Gurgling in the left side of the lower abdomen on pressing upon it,[1].—Feeling of distension in the lower abdomen below the umbilicus, disappearing on moving about,[5].—**Feeling of tension of the lower abdomen, and a sensation of heaviness in it,*

† Bigness (?).—T. F. A.

while sitting and walking,[1].—Pinching colic in the lower abdomen (thirtieth day),[2].—Pressing outward of the lower abdomen, several times (after ten days),[1].—Pressure in the lower abdomen (twenty-sixth day),[2].—Pressive pain in the lower abdomen above the pubis in frequent paroxysms, disappearing on passing wind (first day),[5].—Pressive pain in a small spot in the left lower abdomen, in the evening (thirty-ninth day),[2].—Feeling of a heavy weight in the lower abdomen, more a pressive than pinching pain, most intolerable while walking (after three hours),[1].—[**750.**] Flatulence presses painfully upon the bladder (after two days),[1].—Twinging-cutting sticking, deep in the left side of the lower abdomen, as from incarcerated flatulence, extending into the anus and perineum, painfully increased by retracting the abdomen, and somewhat relieved by emission of flatulence (nineteenth day),[2].—*Stitches in the lower abdomen*, repeated in the forenoon and evening,[1].—Some violent stitches in the lower abdomen (after six hours),[1].—Intermitting tearing or dull stitches in the left side of the lower abdomen, near the hip (eleventh day),[2].—Pain in the right inguinal region, on drawing-in the abdomen (twenty-ninth day),[2].—Painful distension in both groins, after dinner, while sitting,[5].—Pain in the right groin as if something there were swollen,[6].—Intermitting gurgling pressing outward in the right inguinal region (twenty-seventh day),[2].—Griping in both groins followed by sticking in the anus as with needles, while sitting; still more severe after rising; it comes on while walking, and is aggravated on sitting, with urging to stool,[5].—[**760.**] Dragging in the groin with sensitiveness to touch (relieved after the emission of flatulence),[5].—During an ordinary stool, painful dragging towards the groins,[5].—Pressure in the groin as from a hernia,[1].—Sudden sticking pain in the left inguinal region, during stool, with swelling of the glands,[1].—Drawing-sticking and dragging outward in the inguinal region, as if the old scar of an operation for hernia would open,[5].—Stitches in the groins and flanks, on moving or stretching out,[5].

Rectum and Anus.—Objective. **Large painful hæmorrhoids*,[1].—The hæmorrhoids swell and protrude with a hard stool,[1].—**Greatly swollen hæmorrhoids in the anus*, and profuse bleeding from them, while urinating,[1].—**Protrusion of the hæmorrhoids during a diarrhœa-like stool, with needle-like stitches and burning in them for many hours*,[1].—[**770.**] The hæmorrhoids protrude excessively while urinating, and discharge at first blood, but on the next day white mucus,[1].—**Large discharge of blood from the swollen hæmorrhoids, with a natural stool*,[1].—Inflammation of the hæmorrhoids (after twenty-four hours),[1].—Profuse discharge of blood from the rectum, followed by uneasiness in the blood and pulsation in the whole body,[1].—Pimples in the anus,[1].—Shivering about the anus, for half an hour after a stool,[1].—***Subjective.*** **During the cough, pain in the hæmorrhoids*,[1].—Burning in the rectum, after a stool,[1].—*Burning and griping in the rectum* frequently (first day),[1].—*Burning in the anus*, without urging,[1].—[**780.**] Burning in the anus, so that he was unable to sleep on account of it (after twenty-one days),[1].—He is unable to fall asleep on account of burning in the anus, at night,[1].—Burning and contraction in the anus,[1].—Burning in the anus, during and after a dry stool,[2].—Burning about the anus, hæmorrhoids, with severe pain while walking,[1].—**Constant burning in the anus after a stool*,[5].—Pain in the anus as if it would burst, after vomiting; can scarcely endure it,[5].—Pinching and violent constrictive sensation in the anus, epigastric region, and extending to the throat,[1].—Twinging in the anus,[2].—Burning-cutting in the anus,[2].—[**790.**] Stitches in the rectum,[1].—Stitches in the anus when not at stool, frequently repeated,[5].—Stitches in

the anus as from needles,[1].—Stitches in the hæmorrhoids,[1].—*Sticking, tearing and cutting in the anus* (repeated several days),[2].—**Soreness in the anus* (fifth day),[1].—**Sore pain in the hæmorrhoids,*[1].—Biting sore sensation in and around the anus, after the morning stool,[2].—Smarting in the anus, in the evening,[2].—*Crawling in the anus* (also after six days),[6].—[**800.**] Crawling and sticking in the anus, in the evening,[2].—Crawling in the hæmorrhoids as from worms,[1].—Stitchlike crawling in the anus, before every stool,[1].—*Itching in the anus,*[2].—Itching in the anus, after supper,[1].—**Violent itching in the anus and scrotum,*[1].—Violent itching and crawling in the anus, in the evening, lasting a long time (first day),[5].—Urgent desire for stool, as in diarrhœa, though the stool was hard, with colic (soon after a new dose),[5].—Frequent urging to stool; it seems as though he could not pass everything at once (after twenty-four hours),[1].—Frequent urging to stool, at night, which disappears after the passage of some flatulence (third day),[5].—[**810.**] Frequent urging to stool, with passage of very little,[1].—Much urging to stool, something always passed,[1].—Frequent excessive urging to stool by paroxysms, with passage of only a small natural stool, or only some flatulence,[5].—**Ineffectual urging to stool, with a feeling as if the rectum were too weak to evacuate it,*[1].—Tenesmus in the rectum and anus,[1].—Tenesmus of the anus after the usual stool (first and fourth days),[5].

Stool.—Diarrhœa. Diarrhœa, in the evening,[4].—Diarrhœa, at night, with intolerable pain in the abdomen, which also lasts the following day,[4].—Diarrhœa, every night from 3 to 4 o'clock (first week),[1].—Diarrhœa without pain, with rumbling in the bowels,[3].—[**820.**] Diarrhœa, with griping low down in the abdomen preceding and following,[3].—Diarrhœa the first fourteen days, with great weariness, lying down, loss of appetite, and daily colic; fæces light-colored and gray,[1].—Great diarrhœa, day and night (after twenty-two days),[4].—Great diarrhœa, with great weariness (after twenty-seven days),[4].—Severe diarrhœa, with much colic (after four days),[1].—Diarrhœa-like stool, with biting pain in the anus (after eight days),[1].—Diarrhœa-like stool, with griping in the abdomen preceding it, and followed by burning in the rectum,[1].—Three scanty, though otherwise natural, stools (first day),[5].—Two liquid stools, preceded by rumbling in the bowels,[5].—Hard, scanty stool, in the morning, afterwards a soft stool, in the forenoon (second day),[5].—[**830.**] Semiliquid stool (scanty), pain in the bowels, followed by tenesmus,[5].—Thin stool, with griping and uneasiness in the abdomen,[1].—Unnoticed thin stool, on emission of flatulence,[1].—Stool more soft than hard, for several days (after four days),[5].—Soft stool preceded by colic (first day),[5].—Soft stool, followed by burning in the anus (after half an hour),[5].—Semiliquid stool, in the morning, preceded by pain in the abdomen,[5].—Copious brown stool,[3].—Very offensive stool,[1].—**Blood with the stool for several days* (after four days),[1].—[**840.**] Stool colored with blood, followed by anxiety and dyspnœa,[1].—White mucus is discharged from the anus, before and during the stool,[1].—A round worm is passed with the stool,[5].—Pieces of a tapeworm are passed with a solid stool,[5].—Tenacious, soft, dark-colored stool,[2].—Tenacious stool, as though he was unable to loosen it,[6].—**Insufficient stool; most of it remains behind,*[1].—**Insufficient stool after much pressure,*[2].—**Insufficient soft stool,*[6].—Very hard stool, with uneasiness in the abdomen,[1].—[**850.**] Hard delayed stool, at times with great urging, or followed by tenesmus,[5].—**Stool like sheep-dung, which is only passed with pain and exertion,*[1].—***Constipation.*** Constipation (after three days),[1].—During the menses, constipation,[1].—Constipation, with pain-

ful drawings in the abdomen,[1].—Very hard stool, and only every other day,[1].

Urinary Organs.—Bladder. Cutting in the region of the bladder,[1].—***Urethra.*** Discharge of milky, odorless, flocculent fluid (prostatic fluid), after urinating,[1].—Tearing in the neck of the bladder, when not urinating (thirty-seventh day),[2].—Cutting tearing in the neck of the bladder, while urinating, aggravated while pressing upon the urine (thirty-sixth day),[2].—[**860.**] *Burning in the urethra, while urinating,*[1 5].—Burning in the urethra, after urinating (after five days),[1].—Burning and biting in the orifice of the urethra and upper portion of the internal prepuce, in the morning in bed, soon after urinating (twentieth and twenty-first days),[2].—Frequent drawing and sharp tearing in the forepart of the urethra (eighteenth and nineteenth days),[2].—Intermitting cutting in the urethra, when not urinating,[2].—Pinching tearing in the urethra (after twelve days),[1].—Tearing pain in the urethra,[1].—Burning-biting pain in the urethra, during and after urinating,[1].—***Micturition.*** *Great desire to urinate,*[1].—Urging to urinate, it is a long time, however, before he can do so; the urine flows very slowly,[1].—[**870.**] She is obliged to urinate frequently, only a little every time, but always followed by renewed desire, which is almost painful (after forty-eight hours),[1].—**He is obliged to urinate frequently, but there is often pressure upon the bladder a long time before the urine comes;* **even at night he is obliged to rise several times on account of it, though he drinks but little,**[1].—**She is obliged to rise at night to urinate,*[1].—**He is obliged to rise frequently at night to urinate* (third and fourth days),[5].—While intent about her work she is suddenly obliged to pass a few drops of urine,[1].—Stream of urine interrupted, without pain, in the afternoon (first day),[5].—After urinating, a few drops still pass,[1].—Discharge of a few drops of urine two or three minutes after urinating,[1].—She is obliged to press before she can start the urine.[1].—***Urine.*** Urine pale, scanty (first and second days); more (third day),[5].—[**880.**] Pale greenish urine, with burning during and after micturition (eighth day),[5].—Dark-yellow urine with a cloud; an hour afterwards the urine is paler (after one hour),[5].—*Urine fiery, diminished* (first time),[5].—Increased urine; at least she is frequently obliged to urinate,[5].—Unusually large secretion of urine (first day),[1].—Urine turbid,[2].—Urine like mealy water, with much sediment on standing,[5].—Urea decreased from 30 grammes to 25 (20 per cent.),[11].

Sexual Organs.—Male. A strong seminal odor of the male genitals,[1].—Erections at night, without sexual excitement (after seven days),[1].—[**890.**] Frequent erections (after thirteen days),[5].—Many erections, during an uneasy dreamy sleep at night,[2].—Many erections, even painful, with spasmodic contraction of the spermatic cords,[1].—Impetuous erections (after twenty-four hours),[1].—Violent erections after midnight, disturbing his sleep, exhausting him and threatening him with emissions, which, however, do not take place,[2].—No erections (first eighteen days),[1].—Tension of the penis (after twenty-four days),[1].—Tearing-drawing in the penis (twenty-fourth day),[2].—Sharp drawing pains through the penis (after twelve days),[6].—Tearing in the glans penis (after twenty days),[2].—[**900.**] Bubbling sensation in the glans penis (second day),[6].—Itching in the glans penis, and especially in the orifice of the urethra, becoming a tearing (seventh day),[2].—Sticking-itching in the glans penis,[1].—Soreness of the scrotum (after seventeen days),[6].—Scrotum painful as if bruised,[1].—Swelling in the testicle and spermatic cord, with externally perceptible heat,[1].—Tension in the left testicle,[1].—Pinching in the left testicle and in the pubis,[1].—Excited

sexual desire, with burning sensation,[1].—Increased sexual desire (after twenty-four hours),[1].—[910.] Great sexual desire (third day),[1].—*Very great sexual desire*,[2].—Loss of sexual desire, with undiminished erections in the morning,[1].—Emissions two nights in succession (first and second night),[1]. —Emissions, with voluptuous dreams (first day),[5].—*Emissions, followed by great weakness* (third, fourth, and seventh nights),[2].—Profuse emission, followed by weakness (after twenty-three days),[5].—The usually frequent emissions appeared more seldom (after fourteen days),[1].—The customary emissions remain absent for forty-two days,[1].—Coition without emission (after ten days),[1].—***Female.*** [920.] Leucorrhœa-like mucus,[1].—Leucorrhœa (third day),[5]; (first five days),[1].—Yellowish leucorrhœa, with itching and burning in the pudenda,[1].—A woman in the fifth month of pregnancy is attacked (after a vexation), at night, with profuse discharge of lumps of clotted blood from the vagina, with dull headache and yellow color of the face, though without a miscarriage,[1].—A voluptuous sensation, as during coition, wakens her from sleep before the appearance of menstruation, in the morning,[1].—Pinching in the vagina, during coition,[1].—Pinching pain in the labia,[1].—Burning-sticking in the pudenda,[1].—Stitches transversely through the pudenda,[1].—Tearing, extending from the left side of the pudenda through the abdomen into the chest,[1].—[930.] **Great soreness about the genitals before, during, and after menstruation*,[1].—Sore pain in the vagina during coition,[1].—Menstruation two days too early, immediately after a new dose (eighth day),[5].—**Menstruation four days too early* (after twenty-four hours),[1].—**Menstruation five days too early, more profuse and lasting longer than usual*,[5].—Menstruation six days too early,[4].—Menstruation six days too early, the first day scanty, the second more profuse than usual, the third again scanty, the fourth ceasing entirely,[5].—Menstruation ten days too early and lasting six days, the first day slight, the latter days profuse; associated with weakness and sleepiness, pain in the abdomen and teeth,[4]. —Menstruation one day too late, with pains in the lower abdomen,[5].—Menstruation delayed thirteen days (secondary action),[1].—[940.] Menstruation, which had omitted for eighty-seven days, reappeared without symptoms, except that she felt it the day previously in all her limbs (third day),[1].— The suppressed menses return better in color (after five days),[1].†—The menstrual blood is very acrid, of a strong offensive odor, and causes great soreness of the thighs, which become covered with an eruption,[1].—She is easily excited to coition (after twenty-nine days),[1].—Female aversion to coition (first day),[1].

Respiratory Organs. — ***Larynx and Trachea.*** Rattling in the chest, at night, when lying upon the back,[1].—**Easy choking when eating*,[1].—Chokes easily while eating, because some of the food gets into the larynx,[1].—Constriction of the larynx, in the evening on falling asleep, so that he woke in fright; followed by stitching dryness in the throat (twelfth day),[1].—Sensation as if the larynx were constricted, in the open air,[1].— [950.] Frequent drawing pain in the larynx, with raw sensation,[1].—Raw pain in the larynx, on coughing.[1].—Tickling, provoking a cough, after eating (after six days),[1].—Tickling in the larynx, provoking cough, with great hoarseness,[6].—Rattling and gurgling in the trachea, on breathing, preceding cough,[1].—***Voice.*** Voice rough,[1].—Hoarseness, as if something were sticking in the throat, provoking a desire to hawk,[1].—At first hoarseness, after-

† Kali brings back menstruation, if Natrum muriaticum has not accomplished it. —HAHNEMANN.

wards excessive fluent coryza,[1].—* *Complete hoarseness*, and loss of voice (after twenty-four hours),[1].—***Cough and Expectoration.***—Cough from tickling in the throat (twentieth day),[2].—[**960.**] ***She begins to cough as early as** 3 A.M.; *repeated every half hour*,[1].—Cough in the evening in bed,[1].—Night cough,[1].—**He is awakened at night by cough*,[1].—She is obliged to cough every five minutes, from 9 P.M. till morning,[1].—**Cough that affects the chest, caused by tickling in the throat*,[1].—Cough, on playing the violin,[1].—Cough, causing a sticking in the larynx, with fluent coryza,[1].—Cough, which easily makes her vomit,[1].—Frequent cough before midnight, but not during the day,[1].—[**970.**] Violent cough, in the morning fasting, disappearing after breakfast,[1].—* *Violent cough every evening, after lying some time in bed, for several weeks*,[1].—*Cough so violent as to cause vomiting*, in the morning,[1].—**Fatiguing cough, in the evening*,[1].—Racking cough, so severe that she loses her senses,[1].—**Suffocative and choking cough, at* 5 A.M., *as from dryness in the larynx; she is unable to speak on account of cramp in the chest, with redness in the face, and perspiration over the whole body*,[1].—Spasmodic and irritable cough in different violent paroxysms, even amounting to retching, causing sore pain in the upper part of the head, and followed by great exhaustion,[1].—Scraping, scratching cough,[1].—**Tickling cough*,[1].—Frequent hacking in the afternoon and following forenoon (after six days),[5].—[**980.**] Dry cough, suddenly coming and going,[1].—Dry cough, almost only at night, with sticking in the larynx,[1].—**Dry cough at night, waking from sleep, with acute pain in the chest on coughing, with little cough during the day* (first day),[5].—**Cough from tickling in the throat, without expectoration*,[3].—The cough loosens mucus, which, however, does not come into the mouth, and hence cannot be expectorated,[1].—Much cough in the morning, with expectoration, though most in the evening,[1].—Hacking cough, with some expectoration, mostly only at night and in the morning, together with coryza,[1].—Cough, with much expectoration,[1].—Cough, with expectoration of blood in the mucus, three times (seventeenth day),[1].—At night she was obliged to expectorate much mucus, frequently for half an hour,[1].—[**990.**] **Expectoration of small round lumps from the throat*,[3].—Expectoration of a sourish taste,[1].—***Respiration.*** Inclination to take a deep breath,[1].—Tightness of the breath,[1].—*Shortness of the breath in the morning*,[1].—Breath very short, in the morning,[1].—Arrest of breath wakes him at night,[1].—Arrest of breath, waking him from sleep at night,[1].—Dyspnœa, with shortness of the breath, while writing (third day),[5].—Dyspnœa, as from an affected chest,[1].—[**1000.**] *He felt as if there was no air in his chest*, and he could not breathe (after five or six days),[7].

Chest.—* *Weakness of the chest*,[1].—* *Weakness and weariness of the chest, from rapid walking*,[1].—Anxiety in the chest, towards evening,[1].—Rheumatic pains in chest, back, shoulders, and arms; worse on moving them,[8].—**Tension across the chest, on expiration, while walking*,[1].—Pinching in the pectoral muscles, several times,[1].—Spasmodic pain in the chest, disappearing by eructations,[1].—Boring deep into the left chest (ninth day),[5].—Drawing pain across the chest (after four days),[1].—[**1010.**] Pressure in the chest, on breathing,[1].—Pressure and a sensation of drawing downward in the middle of the chest,[5].—*Oppression of the chest*, with deep, moaning respiration,[1].—Oppression of the chest, with difficult respiration, two or three times (after thirty days),[5].—Oppression of the chest, with distended abdomen,[1].—Cutting sensation in the lower portion of the chest, especially in the left side, extending into the upper abdomen, which leaves behind a sticking in the left side of the chest (twentieth day),[2].—*Cutting pain in the chest, in the morn-*

ing, especially about the pit of the stomach, as from incarcerated flatulence,[2]. —***Cutting pain in the chest, in the evening, after lying down**; *she does not know how she shall lie; worse when lying on the right side*,[5].—Biting in the chest, now here, now there, at intervals,[5].—Burning sticking in the right chest, on rising from stooping (after one hour),[5].—[**1020.**] **Stitch in the left chest*,[1].—**Stitches in the left chest*,[3].—**Stitches at times in the right chest*,[1].—Sticking in the left chest, at times during the cough,[1].—Stitches beneath the last right ribs, without affecting respiration, lasting four days,[1]. —Stitches beneath the last right ribs, on inspiration (first day),[1].—Dull, painful stitches extending into the chest, below the left clavicle, only transiently removed by pressing upon it, in the evening,[5].—Burning stitches in both costal regions, frequently returning, in the afternoon (after twelve days),[5].—Some cutting stitches beneath the right clavicle, with pain as if a thorn were sticking in it,[5].—Tearing stitches in the left costal region, taking away the breath,[5].—[**1030.**] Tearing in the bones of the chest, above the left side of the pit of the stomach, in the evening,[2].—**The chest becomes very sore, especially on talking*,[1].—**Sore pain in the upper part of the chest, on breathing, touching, and lifting anything heavy*,[1].—Bruised pain in the chest,[1].—Scraping in the chest from the wind,[1].—Tearing scraping in the chest, during the cough,[1].—The chest is affected by loud talking,[1].—***Front.*** Trembling or twitching in the forepart of the chest,[5].—Pressure in the forepart of the chest, especially in the right side, at intervals, aggravated by inspiration, relieved by eructations,[2].—Pressure in the ensiform cartilage, on coughing, and also on deep inspiration (after sixteen hours),[1].—[**1040.**] Pressive pain in the morning on rising, in the right margin of the sternum, where it is also painful to touch,[1].—Sharp pressive pain behind the sternum, on breathing, as also on swallowing liquids and on eructating, for several days,[1].—Stitches in the sternum, in front of the right breast, also on inspiration, in the evening (first day),[5].—Dull stitches suddenly in the sternum, during eructations and on swallowing liquids,[1].—***Sides.*** Tension in the right or left side, at night,[1].—**Pressure in the whole left side of the chest*,[3].— Frequent pressure in the left side of the chest and region of the heart (eighth day),[2].—Pinching pressure in the right side of the chest (twenty-sixth day),[2].—**Sticking pressure in the right side of the chest*, at times, for several days,[1].—***Sticking pressure in the left side of the chest, on deep breathing**,[1].—[**1050.**] Burning-sticking in the left side of the chest, while sitting, disappearing after rising (seventh day),[5].—Stitches in the right or left side, at night,[1].—**Stitches in the sides on inspiration*,[1].—***Stitches in the right side of the chest, on inspiration**,[1].—Stitches between the middle ribs of the right side, while sitting (first day),[5].—Dull, pinching stitches in the right side of the chest,[2].—Dull stitches low down in the left side of the chest, beneath the short ribs,[2].—Dull stitches in the right side, beneath the ribs, in the morning,[2].—Tearing in the left side of the chest, on the last short ribs,[2].—**Throbbing in the left side, near the pit of the stomach*,[1].— [**1060.**] Sticking throbbing in one rib of the right side, opposite the pit of the stomach,[5].—***Mammæ.*** When sitting still, a sudden very sharp shoot from a spot close to inner side of right breast, about the centre, from above downwards, going straight through to back, making her feel faint, and leaving a feeling of tenderness to touch at two spots about the size of a shilling, one where the pain began, and the other where it left off,[8].—Violent sticking in the left breast, the region of the heart, and at times extending into the back, after midnight, endurable only when lying on the right side, intolerable on every attempt to lie on the left side; the second night, very

early waking, most violent sticking in the chest, shortness of breath when lying on the left side, intolerable except when resting in the highest possible position, and disappearing when lying on the right side; reappearing the third night when lying on the back,[6].—**Stitches beneath the left mamma, at times extending upward from low down in the chest, also in the evening,*[5].—Violent stitch beneath both breasts, after lifting a heavy weight; afterwards griping in both sides of the upper abdomen, extending forward, in the afternoon,[5].—Tearing stitches in the breasts,[1].—Tearing in the left breast (seventeenth day),[2].—Tearing pain in the right breast (ninth day),[2].—Jerking pain externally in the left lowest ribs,[1].—Bubbling-like muscular twitches in the upper part of the right breast (twenty-second day),[2].—[1070.] Tickling in the right breast (sixteenth day),[1].

Heart and Pulse.—Præcordium. She awoke about 2 A.M., with anxiety about the heart, and was unable to fall asleep again,[1].—Burning in the region of the heart (after two days),[1].—Pinching pain in or by the heart, as if the heart were hanging by tightly drawn bands; mostly noticed on deep inspiration or coughing, not on motion of the body (after a few hours),[1].—Stitches in the præcordial region,[1].—***Heart's Action.*** Palpitation when he becomes hungry (after ten days),[1].—**Frequent and violent palpitation,* with anxiety,[1].—Violent palpitation in the forenoon, with confusion of the head and nausea (after twenty-four hours),[1].—Violent throbbing and *palpitation of the heart on the least exertion* (after five or six days),[7].—Frequent intermissions of the beats of the heart,[1].—***Pulse.*** [1080.] He feels the pulse over the whole body, even to the tips of the toes,[1].—Pulse slower than usual (twenty-ninth day),[2].

Neck and Back.—Neck. Stiff neck,[8].—*Stiffness in the nape of the neck, in the morning in bed* (also after three days),[1].—Stiffness in the nape of the neck, in the morning, disappearing during the day; lasting several weeks,[1].—Stiffness in the nape of the neck, at night,[1].—*Stiffness in the nape of the neck,* with elongation of the uvula,[3].—Increased stiffness of neck, with pain in sides of neck and back of neck, compelling her to move it, though movement increased the pain,[8].—On waking in night or morning, feels the neck stiff, which goes off after moving about,[8].—If she wakes at night the neck, arms, and shoulders feel more stiff than at any other time,[8].—[1090.] Neck quite stiff, unable to move it any way or to lie down from it; stiffness extends down back; shoulders feel heavy; at the same time tonsils feel swollen as if touching, causing feeling of suffocation; worse on lying down; the stiffness and swollen feeling of tonsils always come on together,[8].—Pain in the nape of the neck, on bending the head backward,[1].—Cervical muscles painful on motion,[1].—Violent tension in the nape of the neck, which is still more painful on moving the head,[5].—Drawing pain in the nape of the neck (after two hours),[5].—Pressive drawing in the right side of the neck,[1].—Tearing in the nape of the neck, at times, only transient,[5].—Tearing in the right side of the nape of the neck, in the morning,[1].—Tearing in the lower portion of the right side of the neck (after twenty-four days),[2].—Jerking pain in the left side of the neck (after two days),[6].—***Back.*** [1100.] Stiffness in the back, she is unable to stoop,[1].—Stiffness and lameness in the back and small of the back,[1].—Rheumatic pains in back, chest, shoulders, and arms, worse on moving them,[8].—Attack of constrictive pain in the back, during rest, after physical effort; he was obliged to lie down, followed by profuse perspiration, lasting through the night, and in the morning stool consisting of blood and mucus, though without pain,[1].—Contractive pain in the back, during rest, after physical exertion,[1].—Some sharp biting, pinch-

ings on the posterior parts of the ribs on both sides of the back,[1].—Violent backache,[1].—Pressure in the spine when swallowing,[1].—Burning pressure in the back, worse when walking in the open air (after nineteen days),[1].—Tensive pressure like excessive fatigue extending from the right scapula along the side of the back into the small of the back, recurring without cause, and also in the morning in bed, but especially when riding in a carriage,[2].—[**1110.**] Drawing pressure in the back,[1].—Pain in the back as from a sprain,[1].—Stitches in the right side of the back, extending through the chest (twenty-fifth day),[2].—*Burning tearing near the right side of the spine, above the small of the back (eighteenth day),[2].—*Bruised pain in the back, during rest*, not during motion,[1].—***Dorsal.*** Tensive pain behind the left scapula, on breathing,[1].—Cramplike attack, like a tearing, between the shoulders, followed by stiffness in the nape of the neck, and on attempting to move the head it several times jerks backwards,[1].—Pressure in the left scapula,[1].—A pressure at first between the scapulæ, afterwards a burning extending thence to the crest of the pelvis, alike during rest and motion; the burning is perceptible when touched by the hand,[1].—A sharp pressure on the upper part of the back (thirty-fourth day),[2].—[**1120.**] Drawing pressure in the scapulæ,[1].—Pain as from a sprain in the left scapula,[1].—Sticking and pressive tearing in the back near the right scapula (tenth and thirty-eighth days),[2].—Sticking pain between the scapulæ, with oppression and anxiety in the chest, almost only when sitting, so that she is obliged to rise and walk about,[1].—Violent sticking pain as from a sprain in the left scapula, extending into the chest,[1].—Dull sticking in the left scapula,[2].—Pinching sticking in both scapulæ,[2].—A stitch extending from the tip of the left scapula to the pit of the stomach, during hard work (after seven days),[2].—**Stitches in the right scapula, on breathing*,[1].—Sharp tearing stitch under the right scapula,[2].—[**1130.**] **Tearing in the right scapula, in the morning* (fourth day),[2].—Bruised pain between the shoulders and on the left shoulder, disappearing on motion,[5].—Sticking bruised pain in the right scapula, on motion, perceptible as far as into the chest,[1].—Pulsating throbbing on the upper margin of the left scapula,[5].—***Lumbar.*** Stiffness in the small of the back,[1].—Pain in the small of the back, only on bending backward, not during rest,[1].—Pain in the small of the back, after standing or walking awhile,[1].—Frequent pain just above the small of the back, while sitting,[2].—Violent pain in the small of the back, with pains in the abdomen like labor pains and discharge from the vagina,[1].—Pain like a heaviness in the small of the back,[5].—[**1140.**] During the menses, pain in the small of the back, like a heaviness,[5].—Pain in the small of the back as from flatulent distension, in the morning in bed, with a feeling as if bubbles accumulated at the small of the back, associated with urgent desire for stool, all of which disappeared after passing wind,[5].—Violent pain in the small of the back, as if broken, on moving about,[5].—**Drawing pain in the small of the back*,[1].—Violent, constant drawing in the small of the back, alternating with pulsation in it, only relieved when lying,[1].—*Pressure in the region of both kidneys* (seventh, eighth, fifteenth, and nineteenth days),[2].—Pressure in the back above the region of the right kidney, in the morning (twentieth day),[2].—**During the menses, severe pressure in the small of the back and forepart of the lower abdomen, as if everything would push out at the genitals*,[1].—Sore pressure in the region of the right kidney (sixth day),[2].—**Feeling in the morning as if the small of the back were pressed inward from both sides*,[5].—[**1150.**] Stitching ascending at times from the small of the back through the left side of the abdomen to the chest,[1].—*Stitches in the region of both kidneys*

(eleventh and twenty-ninth days),[2].—Dull stitches in the region of the left kidney, at first on expiration, afterwards several in succession, disappearing on rubbing,[5].—Tearing in the region of the right kidney (thirteenth day),[2].—**Tearing in the lumbar muscles, impeding respiration,*[1].—Tearing back and forth in the left lumbar region, while sitting, disappearing on motion,[5].—Pain as if the flesh were torn from the loins, when walking, but especially when touched,[1].—Pain as if bruised in the regions of both kidneys, continuing a long time in the afternoon, while sitting (first day),[5].—Severe bruised feeling in the small of the back, especially in the morning on rising,[1].—Throbbing in the small of the back,[1].—[**1160.**] Jerking pain in the small of the back on stooping, so that for a long time he is unable to stand erect,[1].—***Sacral.*** Tickling weary pain above the sacrum,[1].—Severe gnawing in the coccyx, during rest and motion,[5].

Extremities in General.—Objective. Trembling of the hands and legs, and easily fatigued from walking,[1].—Stiffness of the limbs (after ten days),[1].—Laxity and weakness of the limbs,[1].—Loss of power in the limbs, they give way,[1].—Tickling weakness in all the limbs,[1].—**So great uneasiness in the limbs, in the evening in bed, that she could find no place where she could lie easily,*[1].—***Subjective.*** The parts upon which she lies fall asleep (the arms and legs),[1].—[**1170.**] The left leg and right arm go to sleep, at night,[1].—**Such heaviness in the limbs that she is scarcely able to lift the feet,*[1].—Limbs feel heavy, especially legs,[8].—*Uneasiness in the limbs, in the evening;* she is obliged to move them about,[1].—Uneasiness in the limbs, in the evening; is frequently obliged to stretch them out,[1].—Burning pain in the limbs, at night in bed,[1].—Drawing pain in all the limbs, with a feeling as if he had been long sick, with great paleness of the face and emaciation,[1].—Pressure in the limbs as if in the bones, now here, now there,[1].—Pressive pain in the joints, with drawing pain in the long bones,[1].—*Pressive pain in the joints* of the knees, feet, and hands, only during rest,[1].—[**1180.**] *Sticking in the joints and tendons,*[1].—Transient tearing in the fingers and at the same time in the toes,[2].—*The limbs pain when he rests them upon any object* (after four days),[6].—Jerkings in the limbs (eighth day),[1].—Crawling in the limbs, especially in the legs, while sitting, with drawing in the lower legs, which makes him restless,[2].

Superior Extremities.—Objective. The arms easily become tired on writing (after three days),[1].—*Weakness and loss of power in both arms,*[1].—Weakness of the arm, with swelling of the upper arm and hand,[1].—Arms powerless, especially the right arm, with which she can hold nothing,[8].—***Subjective.*** Both arms feel paralyzed (first day),[1].—[**1190.**] Both arms fall asleep and become stiff in the cold; even after violent exercise they fall asleep,[1].—The arms fall asleep in the morning in bed, with a sensation of internal pressure, as if stiff and lame, they and the hands are without sensation for half an hour,[1].—The arm upon which he is lying at night falls asleep,[1].—In the cold air the arms lose their warmth, the sensation becomes blunted and they feel almost asleep,[1].—Rheumatic pains in arms, especially the right, also in back, chest, and shoulders; worse on moving them,[8].—If she wakes at night, the arms, shoulders, and neck feel more stiff than at any other time,[8].—Violent tensive pain in the arm for eight days, so that he could not raise it up straight on account of the pain; he can, however, bend it backwards, lie upon it, or take hold of the joint without pain,[1].—Drawing pain in the left arm (after twenty-one hours),[1].—Tearing in the left arm, extending from above down to the wrist,[1].—Violent tearing in the whole left arm (seventh day),[5].—[**1200.**] Jerking in the

arm, on falling asleep, in the evening,[5].—Frequent jerking of the left arm,[1]. —***Shoulder.*** Cracking of the shoulder-joint, on moving it or raising the arm high up,[5].—Shoulders feel heavy,[8].—On sitting, feels a weight on shoulders as if she could not raise them, or as if tied down,[8].—The left shoulder is painful on moving the arm violently, and on making a strong pressure with it,[1].—Tension and pressive drawing in the right shoulder, with paralyzed feeling in the right arm,[2].—Violent tensive pain in the left shoulder, in the morning, so that he is unable to raise the arm,[1].—Drawing pain in the right shoulder (seventeenth day),[2].—Pinching pressure in the right shoulder-joint, more painful on inspiration,[2].—[**1210.**] Fine stitches in the shoulders, during rest and motion,[5].—Fine stitches in the left shoulder and afterwards in the tendons on the left side of the neck,[6].—Tearing in the right shoulder, while knitting; disappearing while moving it,[5].—*Tearing in the left shoulder-joint*,[2].—Tearing pain in the left shoulder, during rest and motion,[5].—Pinching tearing in the right shoulder,[2].—Bruised pain beneath the right shoulder-joint, especially on moving and touching it,[1].—*Swelling of the axillary glands*,[1].—The axillary glands become swollen and painful to touch, as if suppurating (second day),[1].—Dull cutting and tearing in the right axilla (twenty-fourth day),[2].—[**1220.**] Violent sticking in the left axilla,[5].—Dull stitches, pressure and tearing below the axillæ,[2].—Tearing sticking in the right axilla, on raising the arm while writing, in the morning (seventh day),[5].—Tearing in the left axilla, during rest (tenth day),[5].—Sore, yet tearing pain somewhat below the left axilla, excited and aggravated by deep respiration,[2].—Sensitiveness and burning in the right axilla (fifteenth day),[2].—***Arm.*** Twitching in the flesh of the left upper arm,[5].—Twitchings of muscles in the left upper arm (eighteenth, nineteenth, and twenty-fifth days),[2].—Paralytic pain in both upper arms, mostly on motion,[1].—Paralytic tension and drawing in the left arm, extending from the shoulder into the forearm, which is inclined to fall asleep, in the morning on waking (thirty-fourth day),[2].—[**1230.**] Burning tension in the right upper arm, just above the elbow,[5].—Sticking in the right upper arm,[1].—Tearing in the right upper arm, above the bend of the elbow, in the evening,[5].—Tearing in the left upper arm, at times extending into the shoulder (eleventh, sixteenth, and twentieth days),[2].—Tearing in the upper part of the right upper arm and in the elbow (twelfth and twenty-second days),[2]. —Sticking tearing in the left upper arm,[1].—Bruised pain in the right upper arm, especially on raising the arm,[6].—Throbbing pain in the upper arm wakes him at night,[1].—*Pulsating pain in the left upper arm by pauses*,[1]. —***Elbow.*** Pain in the elbow as if it were stiff, on stretching out the right arm, after it had been bent,[1].—[**1240.**] *Drawing and tearing in both elbows*, with at times a sensation of warmth, very frequently repeated,[2].—Violent stitches in the bends of both elbows, in the morning in bed, disappearing after rising,[1].—Tearing stitches in the bend of the left elbow,[2].—*Tearing in the bends of both elbows* (third, sixth, and twenty-second days),[2]. —***Forearm.*** Tensive pain in the forearm,[2].—Drawing pain in the forearm,[1].—Tearing in both forearms, extending towards the wrist,[2].—Tearing in the upper portion of both forearms,[2].—Tearing in the middle of both forearms,[2].—***Wrist.*** Weakness of wrists as if sprained, especially left,[9].—[**1250.**] Drawing on the inner surface of the left wrist, aggravated by motion,[5].—Stitches in the left wrist, on moving it; afterwards during rest, some sharp stitches,[2].—Tearing in the wrists (eleventh and twentieth days),[2]. —Tearing in the right wrist, while knitting, frequently repeated (fourth day),[5].—Tearing in the styloid process of the radius (twenty-ninth day),[2].

—Fine tearing in the left wrist, extending to the ring finger, frequently repeated (fourth day),[5].—***Hand.*** Trembling of the hands, in the morning when writing,[1].—Loss of power in her hands,[1].—On waking, at night, finds she has lost the use of the hands,[8].—Restlessness of the hands, at night,[1].—[**1260.**] *The hands fall asleep*, in the morning, on waking, with dull headache, which increases on rising, with frequent empty eructations, which last till noon,[4].—Hand and fingers numb,[8].—Palms feel dead, and especially tips of fingers,[8].—The metacarpal bones are painful on grasping,[1].—Burning on the left hand, as from glowing coals,[6].—Violent drawing from the arm into the hand (after two days),[6].—Paralytic, dull, painful drawing extending from the left forearm into the hand, in the evening,[6].—Dull pressive pain on the back of the left hand,[5].—Violent tearing in the back of the left hand, as if in the marrow of the bone, scarcely endurable,[5].—*Dull pressive tearing in both hands, between the thumb and index-finger* (twelfth, sixteenth, and twenty-first days),[2].—***Fingers.*** [**1270.**] Inflammation at the insertion of the nail of the index finger, like a suppuration of the nail; upon pressure thin matter oozes out for seven days,[2].—Stiffness and paralytic weakness of the thumb and index finger, when writing,[3].—Paralysis of the thumb, from knitting,[1].—The thumb falls asleep towards morning, in bed,[1].—*The tips of the fingers fall asleep*, mostly in the morning,[4].—Numbness and insensibility of the right thumb, lasting a few weeks,[1].—Middle fingers feel stiffer than the rest, the stiffness extending up back of forearm to elbow,[8].—Burning of the tip of the little finger,[2].—*Burning pain as from glowing coals on two fingers of the left hand,[6].—Burning pain at the insertion of the nail of the middle finger,[2].—[**1280.**] Drawing pain in the metacarpal joints of the fingers,[1].—Jerklike drawing back and forth in the finger, in the morning in bed, followed by numbness, difficult motion, and chilliness in the fingers,[1].—Stitches in the fingers of the right hand,[1].—Painful stitches in the right index finger, as if a needle and thread were being drawn from the lower portion toward the tip; relieved by bending the finger, renewed on stretching it out,[5].—Fine painful stitches beneath the nail of the left middle finger,[5].—Fine acute stitches, as in suppuration, in the tips of the four last fingers of the right hand,[5].—Fine intermitting stitches in the middle joint of the right index finger,[5].—Tearing in the phalanges and joints of the fingers,[2].—Tearing in the left thumb,[5].—Tearing in the middle joint of the index finger,[2].—[**1290.**] Tearing in the joints of the left middle finger,[5].—Tearing in the left little finger towards the tip, during motion, frequently recurring,[5].—Tearing beneath the finger-nails (thirty-fourth day),[2].—Tearings beneath the nails of the thumbs,[2].—Dull tearing in the ball of the thumb (ninth day),[2].—Violent tearing extending from the back of the left hand into the fingers,[2].—Violent tearing in the lower portion of the right index finger, extending towards the tip,[5].—A sticking tearing beneath the nail and in the tip of the index finger,[2].—Some fine tearings in the left little finger,[5].—Burning tearing in the tip of the index finger (tenth day),[2].—[**1300.**] Drawing tearing in the tip of the little finger,[2].—Sore pain in the morning in the last phalanx of the middle finger, especially under the nail, not aggravated by touch,[2].—Ulcerative pain in the first joint of the left thumb, in the evening,[5].—Crawling in the tip of the right middle finger,[2].

Inferior Extremities.—Ascending steps is very difficult; walking upon a level is not,[1].—*The limbs fall asleep while lying*,[1].—*Feeling of numbness, and great inclination of the whole right leg to fall asleep*, especially in the lower leg,[2].—Numb sensation of the whole right leg, as if it was going

to sleep, with great subsequent heaviness in it, in the morning after waking,[5].—**The lower extremities frequently fall asleep*,[1].—While sitting, first one and then the other limb falls asleep,[1].—[1310.] Great heaviness suddenly of the left leg, so that he can only move it with great difficulty, as if paralyzed, at night in bed and during the following day while sitting,[5].—Burning and pain in both limbs, also even with acute stitches,[1].—***Hip.*** Weak, weary, and bruised in the hips and limbs, especially in the calves, on walking (thirteenth day),[1].—Stitches, fine, but very acute, in the left hip-joint while standing; after sitting down, there is a sticking-tearing down the whole leg, as if in the marrow, which disappears after rising from the seat,[5].—Tearing, at times crawling, in the hips or in the parts enveloping them (nineteenth, twenty-first, and thirtieth days),[2].—*Tearing in the hips and knees* even while sitting,[1].—Tearing pain in the left hip from time to time,[1].—Pinching-tearing in the hip-joint,[2].—Pain as from a blow in the upper part of the left hip-bone while walking and on touch,[2].—Bruised pain in the hip-joint, with pain on motion and on sneezing,[1].—[1320.] Jerking in the left hip-joint on turning the leg,[3].—***Thigh.*** He is as weary in his thighs as if he had been used up by walking, for many days, mostly in the afternoon,[1].—Paralysis of the whole thigh, with a feeling as if it would fall asleep,[2].—Feeling of loss of power in both thighs above the knees in the evening,[5].—Dull pain in the nates,[2].—*Cramp in the right thigh and calf woke him twice at night*,[1].—Drawing pain in the thigh (after eleven days),[6].—Drawing pain in the thigh, while ascending, as if it would break in two,[1].—Drawing pain in the left thigh, extending to the knee,[1].—*Paralytic drawing in the whole thigh*, frequently increasing to a tearing, worse while standing and in the warmth of the bed, often only in the evening and at night,[2].—[1330.] Twitching in the anterior surface of the right thigh,[5].—Tearing in the upper and inner portion of the thigh,[2].—Tearing in the posterior portion of the thigh, close to the nates, extending towards the genitals,[2].—Tearing in the left thigh and in the tibia during menstruation,[5].—Tearing in and on the nates not far from the hip-joint,[2].—Attacks of pinching-tearing in the nates,[2].—Soreness between the legs,[1].—Sore pain in one spot in the middle of the thigh when touched,[1].—***Knee.*** Violent bruised pain a hand's breadth above the right knee, as if the thigh would fall off, while standing, and worse while sitting, afterwards continuing during rest and motion,[5].—Pain like a suppuration in the nates and thighs from sitting,[1].—[1340.] *Jerkings in the muscles of the thighs*,[2].—Jerkings in the muscles in the nates,[1].—Stiffness in the knees (second day),[1].—Stiffness, tension, and weakness in the right knee, as if tightly bound up,[1].—Painful falling asleep of the knees on walking fast; he cannot bend them well,[1].—Knee-joints feel nearly powerless; she does not bend them in walking lest they should give way, hence she walks sideways,[8].—Paralytic sensation in the knee while sitting,[3].—Paralytic pain in the right knee while walking (sixth day),[2].—Tensive pain in the right knee, and afterwards crawling in it, only while walking, and disappearing while sitting,[5].—Dull pain on the side of the knee while walking, and especially on stretching out the leg,[2].—[1350.] Drawing pain in the knee while walking, extending to the thigh,[1].—Stitching in the left knee (second day),[5].—Pain as from a sprain in the knee, on rising from sitting, for several minutes,[1].—Tearing in both knees (first day),[5].—Tearing in the knee and knee-joint, in the evening, with warmth in it,[2].—Tearing in the hollow of the knee,[2].—Tearing pain in the knee while walking and sitting,[1].—*Frequent tearing in the knees*,[2].—Throbbing and beating in the left knee frequently during the day,[5].—***Leg.*** Falling asleep

and crawling in the right leg,[1].—[1360.] Heaviness of the legs,[1].—Drawing pain in the right leg, extending to the foot, for several days,[1].—*Drawing and tearing in the bones of the legs*,[2].—Paralytic drawing in the lower legs,[1].—Twitches on the anterior surface of the left lower leg while standing,[5].—Tearing and drawing, with a feeling of great weariness, in the lower legs, especially in the ankles, on waking at night,[1].—Stitches in the tibiæ,[1].—*Tearing in both tibiæ, with pain in the periosteum when touched and a feeling of tension when walking*,[2].—Tearing in the upper part of the tibia beneath the knee,[2].—Tearing in the left tibia,[5].—[1370.] Tension in the calves, as if too short, on rising from sitting during the day,[1].—Tension in the left calf, as if the tendons were too short, while standing, not while sitting,[5].—Cramp in the right calf (after twenty hours),[1].—Cramp in the calf and sole on drawing up the leg at night in bed,[1].—Tearing in the upper part of the calf (twentieth day),[2].—Tearing in the right calf, extending deep inward on pressing and rubbing,[5].—It caused pain in upper part of calves, as if bruised, or from too much walking, and on stretching out the legs, stiffness from half way up back of thighs to tendines Achillis, as if the tendons were tightened,[10].—***Ankle.*** Severe drawing and sticking in the left ankle, when stepping upon it, for several hours in the morning after rising, most painful in the evening, with throbbing in it and sticking in the heel; she is unable to rest upon the foot, and is obliged to keep it constantly suspended; it feels too heavy, swollen at the seat of the pain, and hot to touch,[1].—Stitches beneath the malleolus,[1].—Violent stitching in the tendons behind the right external malleolus when running, disappearing during rest,[5].—[1380.] Feeling as if a stitch were shooting into the malleolus; when walking, a feeling as if the feet would break; she was obliged to remain standing,[1].—Tearing just above the malleolus (twentieth day),[2].—Tearing in the inner malleolus transversely towards the tendo Achillis,[5].—Tearing about the malleoli, with cold feet, which ceases after they get warm,[1].—*Tearing in the ankles frequently*,[2].—Spasmodic tearing in the malleolus, with pulsation about it, extending up the tibia as far as the knee,[1].—***Foot.*** Swelling of the feet,[1].—Great swelling of the feet, extending to the malleoli,[1].—Falling asleep of the left foot during dinner,[5].—*The feet fall asleep after dinner*,[4].—[1390.] Heaviness and stiffness of the feet,[1].—Feet and legs feel to her to be too small,[8].—Tension of the feet, almost without swelling,[1].—Pinching-drawing in the foot, as from great weariness,[2].—Sticking in the feet,[4].—Stitches and burning in the feet after walking,[4].—Stitches in the left foot, extending inward,[1].—*Tearing on the inside of the foot and on the sole*,[2].—Drawing-tearing in the foot, extending to the toes,[2].—Visible twitching on the back of the left foot in the evening,[5].—[1400.] Stitches on the back of the foot,[1].—Tearing on the back of the foot extending to the toes,[2].—Swelling and redness of the soles of the feet, with burning in them, even while lying down, though still more when stepping,[1].—Pressive pain in the sole of the foot while stepping and while walking,[1].—Pressive pain in the heel,[1].—Stitches as with needles beneath the heel,[1].—Crawling in the soles of the feet, extending towards the toes,[1].—Crawling pain in the soles of the feet, with painful sensitiveness of them,[1].—***Toes.*** Chilblain on the ball of the great toe, with sticking-cutting pain; it is red and thick,[1].—Inflamed red chilblains on the toes, with pressive pain,[1].—[1410.] Bluish-red chilblain on the ball of the great toes, inflamed, and with cutting pain and needle-like stitches in it, especially when in the boots or shoes,[1].—Cramp in the left great toe, so that he is unable to stretch it out, in the evening while sitting,[5].—Pain as from a sprain in the first joint of the great

toe, while walking, most acute on bending it up (eleventh and thirty-third days),[2].—Tickling-sticking in the tips of the toes,[2].—Stitches as with needles in the balls of the great toes,[2].—Stitches in the corns,[4].—Fine stitching, with itching, on the tip of the great toe,[1].—*Tearing in the toes* (fourth, seventh, eleventh, and twentieth days),[2].—*Tearing in the first phalanx of the great toe* (eleventh, sixteenth, nineteenth, and thirty-fourth days),[2].—Tearing in the tips of the great toes (eleventh, seventeenth, and thirty-sixth days),[2].—[**1420.**] **The tips of the toes are very painful on walking*,[1].—Gnawing on the outer margin of the right great toe,[5].—The nail of the great toe is painful on the side, as if it would grow into the flesh (fourteenth day),[2].—The corns are painfully sensitive,[1].

General Symptoms.—Objective. Perceptible beating of all the arteries,[3].—Violent trembling,[1].—Sudden trembling,[6].—Indolence (second day),[1].—Tremulous fatigue while walking, first in the knees, followed by trembling in the abdominal muscles and in the arms,[1].—Lassitude, weakness, and nausea, after the afternoon nap,[6].—[**1430.**] After eating, weariness with throbbing in the pit of the stomach, and headache,[1].—Great weariness, on waking in the morning, relieved after rising, returning in an increased degree in the afternoon,[4].—After eating very weary and sleepy,[4].—Great weakness, in the evening,[5].—Attack of weakness, on returning from a moderate walk, so violent that she could with difficulty reach the house, therewith she became warm in the stomach, drops of sweat stood upon the forehead (in winter) and the limbs trembled; after a short rest all weakness passed off,[1].—Attack of sudden weakness, in the evening on lying down, with an aching sensation, nausea, warmth and weakness in the pit of the stomach, vertigo and vanishing of ideas from the head; also, two similar attacks in the morning, followed by great weariness,[1].—A child four years old constantly desires to be carried,[1].—Exhaustion and weariness, in the evening, almost amounting to nausea,[2].—**Frequent exhaustion and weariness* (first day),[1].—Attack of exhaustion of the whole body, especially in the small of the back, the cervical muscles seem relaxed, the arms and legs relaxed as if they would sink down, together with weakness about the heart like a faintness (after a few hours),[1].—[**1440.**] Attack of faintness as soon as he moves but little,[1].—A week before the occurrence of menstruation, restlessness as if the menses would appear (sixteenth day),[1].—***Subjective.*** The whole body is very sensitive; whenever touched or moved it hurts (third and fourth days),[5].—Great dread of the open air,[1].—Takes cold easily (third day),[1].—***Very much inclined to take cold**,[1].—Easily takes cold while walking in the open air in the evening, followed by sweat at night, and restlessness and heaviness in the neck as from a weight (fourth day),[1].—Takes cold very easily after becoming heated on moving about; he loses his appetite and is attacked with febrile shivering, diarrhœa with griping pain in the abdomen, restless sleep, etc.,[1].—Symptoms of taking cold from every draft of air,[1].—Her flesh feels numb to her,[8].—[**1450.**] Her flesh all over feels swelled to her,[8].—If she looks down without bending head down she feels weak and trembling,[8].—Feeling of weakness every morning, as if he would become faint or attacked by vertigo (first six days),[1].—Feeling of emptiness over the whole body, as if hollow,[1].—**Heaviness, especially of the feet; walking becomes irksome*,[1].—Heaviness of the body, in the morning in bed, disappearing after rising,[1].—Heaviness and prostration of the whole body, as if worn out,[5].—A kind of tension within the body, which extends to the head and eyes,[1].—Drawing pain in the whole body, now in one place, now in another, in the nape of the neck, scapulæ, the hands and knees (after

ten days),[1].—**Twitching here and there in the muscles*, for several days,[6].—[1460.] Uneasy sleep at night, on account of pressive pain in the side of the body upon which he lies,[1].—Oppression and anxiety at night if she lies upon the right side, is obliged to sit up in bed until she has eructations,[1].—*Sticking is the most characteristic pain of Kali*,[3].—Itching stitches here and there in the body,[1].—Flesh feels tender all over as if the skin were crushed,[8].—Bruised pain in all the muscles of the body,[1].—Pain as if suppurating, when pressing upon any part of the body,[1].—Painful throbbing in the clavicle, shoulders, sides of the abdomen, etc.,[5].—Excessive pain in the whole body, like the beating of a hammer, at night,[1].—The rheumatic pains get worse when the neck symptoms increase,[8].—[1470.] **The pains recur in the morning, at 2 or 3 o'clock, so that he is unable to remain lying, and are worse than during the day while moving about*,[1].—Remaining in the open air aggravates the troubles, especially the febrile condition,[1].—After the usual stool the pains are renewed, in the morning (second day),[5].—Much talking affects her,[1].

Skin.—Eruptions, Dry. Papulous eruption here and there, even on the face,[6].—Nettlerash for fourteen days,[1].—Nettlerash, with such violent itching that she did not know how to bear it, lasting fifteen days,[1].—A large yellow scaly spot on the upper part of the forehead,[1].—Yellow, scaly, violently itching spots over the whole abdomen, also about the nipples, becoming moist after scratching,[1].—Red elevated lentil-shaped spot above the wrist,[5].—[1480.] Freckles in the face,[4].—*Scurf upon the upper lip*,[1].—Skin of the whole face dry and rough,[1].—Skin of the hands rough and cracked,[4].—Lips cracked, scaly,[4].—A crack in the cicatrix of an issue,[1].—Scaling of the lower lip (thirty-fourth day),[2].—The lower lip becomes scaly, cracked,[5].—Eruption in the hollow of the knee,[1].—Itching in the flesh of the right breast, with a fine eruption, which however only shows itself on rubbing,[1].—[1490.] Eruption of pimples in the left eyebrow,[6].—Eruption of pimples on the ears,[1].—Pimples on the face constantly,[4].—Pimples appear and disappear on the face,[1].—Pimples on the zygomata, with burning pain,[1].—Pimples on the lips, with biting itching,[1].—Pimples on the shoulders, with itching and burning after scratching,[5].—Pimples painful to touch above the upper lip, near the left nostril (thirty-sixth day),[2].—A pimple in the skin of the forepart of the cheek below the ear, without pain,[2].—A pimple above the knee, with pressive tearing pain,[1].—[1500.] Two pimples on the left thigh,[1].—Burning biting pimples on the pudenda,[1].—Itching of the arms, with white pimples like milletseeds after scratching,[4].—Itching pimples in the nape of the neck, in the evening, disappearing after twenty-four hours,[5].—Itching pimples on the posterior portion of the left thumb, which after scratching still continue to itch,[5].—Papulous eruption upon the nose,[1].—*Papulous eruption on the face*,[1].—Papulous eruption high up on the upper arm, which itches and pains,[2].—Great itching on the mons veneris, and about the genitals and on the thighs, with fine red papulous eruption,[1].—***Eruptions, Moist.*** Vesicles on the lips,[5].—[1510.] Vesicles on the red of the lower lip; they are painful to touch and itch,[1].—Vesicle upon the little finger,[1].—Vesicle on the left index-finger, which for several days after opening discharges a watery not purulent substance,[1].—Itching pimple and three vesicles with inflamed areola on the tibia,[5].—Itching vesicles in the palm of the hand,[1].—Small pointed, itching, and moist pimples on both lips and all around the mouth,[1].—***Eruptions, Pustular.*** Pimples tipped with pus on the face,[1].—Large red pimples on the left frontal eminence, painful to touch, they afterwards suppurate (thirty-second day),[2].—A small

red pustule in the middle of the forehead, disappearing the next morning,[5].—Tetter on the legs,[4].—[1520.] A small superficial ulcer above the left wing of the nose, painful when touched,[2].—Ulcerative pimple by the anus, with stitches,[1].—An itching place on the thigh, near the hip, which after scratching ulcerates,[1].—The ulcer bleeds very much, almost without cause,[1].—Profuse bleeding of an ulcer, at night,[1].—***Subjective.*** *Burning in various places on the skin, even under the axillæ, as from a mustard plaster,*[2].—Sticking and gnawing in the skin over the whole body,[1].—After going to bed at 11 o'clock she was unable to sleep on account of violent itching sticking over the whole body, she slept only from 11 to 1 o'clock,[5].—Itching over the whole body, in the evening before going to sleep, disappearing in bed,[1].—Itching here and there over the body, especially the lower legs; on scratching it easily becomes bloody,[6].—[1530.] Itching over the whole body, now here, now there, with small pimples after scratching,[5].—Violent itching over the whole body, in the morning and evening, especially on the back, where small pimples appeared (after three days),[2].—Violent, almost sticking itching over the whole body at night in bed,[5].—During the menses violent itching over the whole body,[1].—Burning itching over the whole body, on the face, hands, tibiæ, etc., now here, now there,[1].—Burning itching in the face,[1].—Pressure and tension in the location of a former ulcer (on the lower leg),[1].—Tickling crawling in the toes and soles,[2].—Itching in the lobules of the ears,[1].—Itching in the skin of the face, preceded by twitching; he is obliged to rub it, after which it burns like fire,[1].—[1540.] An old wart on the face begins to itch,[1].—Itching about the margins of the lips,[1].—*Itching on the chin,*[1].—Itching externally on the pit of the stomach, not relieved by scratching,[5].—Itching about the umbilicus,[3].—Itching of the lower abdomen, for several days (after ten days),[1].—*Itching on the scrotum,*[6].—Itching on the back, which amounts to a pain after scratching,[1].—Itching on the lower part of the small of the back,[1].—Itching in the axillæ,[1].—[1550.] Itching on the wrist,[6].—Itching above the right wrist, disappearing on scratching,[5].—Itching between the nates,[1].—Itching on the knee,[1].—Itching on the tibia,[6].—Itching on the under surfaces of the toes,[2].—Inability to fall asleep on account of itching on the scrotum,[1].—Severe itching on the abdomen and thighs,[1].—Violent itching in the palms, near the fingers, in the evening (first day),[2].—Violent itching on the lower legs, in the evening,[6].—[1560.] Violent itching about the ankle, in the morning in bed,[1].—Violent itching and heat in the feet, in the evening, as if they had been frozen,[1].—* *Violent itching on the great toe, beneath the nail, with pain when touched,*[2].—Burning itching in the face, on the back and head,[1].—Burning itching on the perineum, at night,[1].—Burning itching of the pudenda,[1].—Burning itching on the sacrum and under the right patella,[5].

Sleep and Dreams.—Sleepiness. Frequent yawning,[1].—Sleepiness early in the evening, with morose silence,[2].—Sleepiness in the afternoon (third day),[4].—[1570.] Sleepiness, with yawning, while walking in the open air,[1].—Sleepiness after dinner, disappearing in the open air,[5].—Constant sleepiness in the afternoon, yawning, and suffering expression,[5].—*Great sleepiness during the day;* she sleeps even while sitting,[1].—Great sleepiness; she could even sleep during breakfast (soon),[5].—**After eating, great sleepiness, with chilliness and yawning,*[1].—Overpowering sleepiness in the afternoon and evening,[1].—**Attacks of sleepiness while eating* (second and fourth days),[1].—*Sleepy very early in the evening* (after ten days),[6].—Very sleepy in the morning, and waking late,[1].—[1580.] Very sleepy, with yawning, in the forenoon, lasting till noon,[5].—In the morning, after a good

sleep, he is soon obliged to lie down again, and after three hours' sleep feels well,[1].—Sleep too long, followed by confusion of the head, great lassitude, feeling of catarrh, and pressure in the eyes,[1].—*Starting in sleep*,[1].—Start, on falling asleep,[1].—He starts and jumps frequently during sleep,[1].—In the evening, on falling asleep, jerking through the whole body, so that he started up,[1].—His limbs jerk in his sleep, and he snores,[1].—The whole body moves in sleep two nights in succession, as in epilepsy, with jerking of the arms and stamping of the feet, though without rattling respiration; after waking he knows nothing of it,[1].—***Sleeplessness.*** Falls asleep late (first weeks),[1].—[1590.] Falls asleep with difficulty, in the evening, after walking in the open air,[1].—He is unable to fall asleep for a long time, in the evening, for several days,[5].—*He is unable to fall asleep before* 11 *or* 12 *o'clock, without cause*,[1].—He is unable to sleep at night before 1 or 2 o'clock, without cause, and without other symptoms,[1].—He is unable to fall asleep before midnight, after mental labor,[1].—Only slumber instead of sleep, at night,[1].—Half waking sleep at night,[1].—**Restless sleep* (fourth day),[4].—At night the child was restless and anxious, cried much, longed for this and that, without taking anything,[1].—During the menses, very uneasy sleep, with anxious dreams,[1].—[1600.] Very uneasy night; she wakes as many as twenty times without special cause,[5].—In the evening, after lying down, he started up awake, with shivering over the whole body,[1].—Inclination to wake early in the morning, without activity,[1].—She wakes much earlier than usual, and is unable to fall asleep again,[1].—She always wakes at 4 o'clock, and afterwards frequently till morning,[1].—***She wakes in the morning about 1 or 2 o'clock, and cannot sleep again, from wakefulness,***[1].—At night, after waking, she was unable to fall asleep again, on account of vivid thoughts,[1].—Feeling in the morning as though he had not slept enough,[1].—Sleeplessness at night, and indeed, if he slumbers, has anxious dreams; followed in the morning by stupidity, with hot hands,[1].—***Dreams.*** Fantasies at night, for three hours, in a waking condition, with heat in the brain, and external heat over the whole body, followed by some perspiration, coldness of the limbs, shivering, and much starting, as in fright,[1].—[1610.] He immediately fell asleep, but also began to dream,[1].—Dreams at night, with restless sleep, and frequent waking,[1].—Many dreams, with uneasiness and tossing about in sleep,[1].—At night he passes from one dream to another,[1].—Sleep full of dreams, with frequent waking (tenth day),[6].—Sleep restless, full of dreams,[2].—The whole sleep is full of vivid dreams of the business of the day,[1].—*Dreamy sleep, with talking in it*,[1].—*Talking in sleep*,[1].—Loud talking in sleep,[5].—[1620.] Violent crying in a dream at night,[1].—The child cries and tosses about restlessly, at night,[1].—Frequent voluptuous dreams (first fourteen days),[1].—Lascivious dreams, after coition, at night, with emission,[6].—*Anxious dream*, she cries for help,[1].—During the menses, she again falls asleep after waking in the morning, but remains in an extremely unpleasant condition between sleep and waking; is distressed by hearing things, which make her anxious, though at the same time she knows that she is only dreaming, but is unable to open her eyes, and can only with difficulty arouse herself from this condition,[1].—Anxious dream of danger to her from passing forms, some of which lay hold of her,[1].—Anxious dreams; his father was about to beat him,[1].—Dream of robbers (eleventh day),[6].—Dreamed that the cathedral was on fire; on waking up (which she often did) could think of nothing else; got up for half an hour and lit a candle to get rid of the idea; then on sleeping again had the same dream again, and so on through the night, the last dream being that her own

house was on fire; on two other nights dreamed each time about different subjects, but the dream was repeated over and over again, as on this occasion (seldom dreams at all),[8].—[1630.] In a dream she fell from a high mountain,[1].—Dreams of diseased parts of the body,[6].—Horrible dreams disturb her sleep,[1].—All sorts of frightful figures pass before her eyes during sleep,[1].—Dreams of masked persons, ghosts, and devils,[5].—Dreams of dead persons, as if they were living and quarrelled with her,[1].—Dreams of serpents, disease, and death,[5].—In a dream one announced his approaching death,[5].—Nightmare, at night, with a dream as if a stone were lying upon him, and at the same time the larynx were being gradually constricted, with ineffectual efforts to wake,[2].

Fever.—Chilliness. Chilliness, as in the onset of coryza,[1].—[1640.] Chilliness immediately after the cessation of the pains,[5].—*Chilliness, after eating*,[1].—Chilliness on every motion, even in bed (first days),[5].—Chilliness for two hours, without thirst, with confusion of the head, while riding over a stony road,[1].—At first chilliness, followed by heat of the face (after two days),[6].—Chilliness and sensation of coldness, in the morning, in bed, followed after a quarter of an hour by heat; again chilliness after a few hours, though without subsequent heat,[1].—Chilliness, in the forenoon; hot hands in the evening,[1].—In the evening, chilliness and heat alternately, followed by sweat during the night (third day),[1].—Chilliness, in the evening at 9 o'clock, disappearing after lying down, and not followed by heat or thirst (first day),[5].—Constant chilliness, with great thirst and internal heat, with heat of the hands, and aversion to all food (after fourteen days),[1].—[1650.] Before menstruation, much chilliness, trembling of the limbs, and spasmodic sensation in the abdomen,[1].—Great chilliness, as in fever, without thirst; several evenings,[1].—*Great chilliness*, especially after eating, and towards evening,[1].—Internal chilliness at noon, with heat of the hands and subsequent heat over the body, though all without thirst,[1].—Constant internal chilliness for four days, without heat or thirst, with icy cold feet, confusion of the head, general prostration, amounting to faintness; with swelling of the lower jaw and gum, and burning toothache, with stitches (after thirty-two days),[1].—Chilly and shivery, in the evening before lying down,[5].—Excessive febrile chill, towards evening, lasting several minutes; he is obliged to lie down; followed by nausea, vomiting, and cramplike pain in the chest the whole night, with short breath, much internal anxiety and much perspiration on the head (sixth day),[1].—Daily at 6 P.M., first febrile chill for an hour, with thirst; then heat, without thirst, with profuse fluent coryza; followed by slight perspiration during a natural sleep; on the subsequent morning scraping in the throat, bad taste in the mouth, loss of appetite, and agglutination of the left eye,[1].—Frequent shivering in the room, without subsequent heat,[5].—Frequent shivering, with yawning, relieved by the warmth of the stove, in the forenoon (first day),[5].—[1660.] Chilliness on the head,[1].—Chilliness on the crown of the head and over the whole body, in the evening (after twelve days),[1].—After the menses, in the evening, coldness of the back, and after midnight, waking with cramp and coldness in the stomach, which last till towards noon (nineteenth day),[1].—*Cold hands*,[1].—*Cold feet*, in bed,[1].—Cold feet, with heat of the face,[1].—Shivering in the back, in the morning, in bed,[1].—***Heat.*** Increased warmth, at night, with violent pains in the zygoma,[5].—Heat, in the evening, in bed, without subsequent perspiration,[5].—First heat, and burning in the eyes like fever (at an open window), immediately followed by chilliness in the open air, in the afternoon,[1].—[1670.] Sleep at night interrupted by heat of the whole

body, especially of the hands, and by very vivid dreams,[1].—**After taking cold in a draft of air, she becomes heated for a moment in the room, followed by heaviness of the limbs, tearing in the whole body and in the head, with roaring in the ears and general coldness, during the following night with sour-smelling perspiration* (after thirty-one days),[1].—**Much heat, great thirst, and restless night, before menstruation*,[1].—Internal and external heat, towards morning, without thirst (second day),[5].—Dry heat over the whole body, in the evening,[5].—Febrile heat every morning about 9 o'clock, and in the afternoon about 5, lasting from one-half to one hour, with deep yawning, excessive thirst, headache, and pulsation in the abdomen,[1].—He is attacked with fever in the evening after taking cold; towards morning perspiration, with violent headache, and after rising confusion of the head,[1].—Febrile paroxysm, after becoming heated even to profuse perspiration, followed by becoming chilled in a cold bed, with burning headache, heat in the face, and violent, scarcely endurable shivering over the whole body; there breaks out such violent stopped catarrh that he can scarcely get any breath, with perspiration for three days (after thirty-eight days),[1].—Orgasm in the blood, and heat in the head,[1].—Orgasm in the blood, in the evening, before going to sleep, with oppression and tightness in the chest,[1].—[**1680.**] Heat and redness of the face, in the morning in bed,[1].—Long-continuing redness and heat in the face, with icy coldness of the feet,[1].—Very hot hands in the evening in bed, with momentary shuddering, and long hindered falling asleep,[4].—Dry heat of the cheeks and hands, with short breath,[1].—***Sweat.*** Sweat in the morning in bed,[1].—**Night-sweat* (first three nights, after two hours, and six days),[1]; (after four days),[4].—Profuse sweat, while walking,[1].—Abundant warm sweat, with much heat, from midnight to 3 A.M.,[8].—Perspires very easily during the day,[1].—Perspiration over the whole body, in the morning in bed (sixth day),[1].—[**1690.**] Profuse perspiration on every mental exertion, while reading, writing, etc.,[1].—Sweat on the soles of the feet,[1].—Profuse sweat on the feet, for several days,[4].—Perspiration on the head, neck, and upper part of the body, during sleep,[1].—Perspiration on the perineum, at night,[1].—*Perspiration in the axillæ*,[1].

Conditions.—**Aggravation.**—(*Morning*), On waking, out of humor; on waking, peevish thoughts; on waking, headache; during menses, headache; stitches in forehead; stitches into left ear; nosebleed; on waking, soreness of lips; on waking, pain in teeth; after waking, aggravated by eating, pain in roots of teeth; on waking, stitches in teeth, etc.; *tongue dry, etc.;* offensive odor from mouth; after waking, numbness in mouth; *dryness in mouth;* burning in mouth, etc.; at about 3 o'clock, water running from mouth; bitter taste; after waking, taste of blood; on waking, loss of taste; mucus in throat; mucus in back of throat, etc.; hawking, etc.; on waking, feeling of lump in front of throat; *eructations; acid eructations;* relieved by walking, cramps in stomach; *pressure in stomach;* feeling in stomach; throbbing in pit of stomach; colic in upper abdomen; in bed, griping in abdomen; from 3 to 4 o'clock, diarrhœa; fasting, cough; *cough;* at 5 o'clock, cough, etc.; *shortness of breath; cutting in chest;* stitches in side; tearing in nape of neck; *tearing in right scapula;* pressure in back; on rising, bruised feeling in small of back; pain in shoulder; on raising arm while writing, sticking in axilla; in bed, stitches in elbows; when writing, trembling of hands; *on waking, hands fall asleep;* tips of fingers fall asleep; in bed, drawing in finger; after waking, numbness of leg; in bed, heaviness of body; at 2 or 3 o'clock, pains recur; after usual stool, pains renewed; in bed, chilliness, etc.; in bed, shivering in back; about

9 o'clock, febrile heat, etc.; in bed, heat, etc., in face; in bed, *sweat;* perspiration on perineum.—(*Forenoon*), Pain in whole head; *drawing in forehead;* pain in left teeth; thirst; nausea; chilliness; shivering, etc.—(*Noon*), Peevish mood; pressure upon eyes.—(*Afternoon*), While walking, *pressive headache in forehead, etc.;* nose thick, etc.; towards evening, anxiety in chest; stitches in costal regions; weary in thighs; towards evening, chilliness, etc.; at 6 o'clock, febrile chill, etc.; heat, etc.; about 5 o'clock, febrile heat, etc.—(*Evening*), Sadness; anxious presentiments; in bed, fretfulness; on falling asleep, out of humor; peevish mood; after falling asleep and waking again, confusion in head, etc.; dulness, etc., in head; pain in head, etc.; before lying down, heat in head; on going to sleep, pressure in forehead, etc.; pressure on top of head; one-sided headache; before going to sleep, tearing in left eye; in bed, pain in eyebrow; lachrymation, etc.; in bed, stitches in ears; hearing blunted; fluent coryza, etc.; twitching in cheek, etc.; tearing from temple into jaw; drawing in teeth; on getting into bed, *drawing toothache;* pressive toothache; stitches in front teeth; dryness in mouth; sore throat; before lying down, thirst; tearing in right side of abdomen; pain in lower abdomen; smarting in anus; crawling, etc., in anus; diarrhœa; in bed, cough; fatiguing cough; after lying down, especially when lying on right side, tearing in bones of chest; in bed, *uneasiness in limbs;* tearing in upper arm; feeling in thighs; tearing in knee; while sitting, cramp in great toe; weakness, before going to sleep, disappearing in bed; itching over body; chilliness; chilliness on crown of head, etc.; in bed, heat; dry heat all over; in bed, hot hands, etc.—(*Night*), After lying down, sad forebodings; while lying in bed, rush of blood to head; pressive headache; tearing in orbit, etc.; lachrymation; only when lying upon it; throbbing in ear; pain in tooth, etc.; sticking toothache; jerking, etc., in tooth; acidity in mouth; thirst; in bed, gradually disappearing on rising, qualmishness; pains in stomach; an hour after falling asleep, cramp in stomach; pressure, etc., in stomach; emission of flatulence; colic, etc.; burning in anus; urging to stool; diarrhœa; *cough;* from 9 P.M., till morning, cough; dry cough, etc.; arrest of breath; tension in sides; stiffness in nape of neck; on waking, stiffness of neck, etc.; in bed, burning in limbs; stiffness in arms, etc.; throbbing in upper arm; restlessness of hands; towards morning, in bed, thumb falls asleep; *cramp in thigh, etc.;* on waking, tearing, etc., in lower legs; in bed, cramp in calf, etc.; pain in whole body; after going to bed, at 11 o'clock, itching sticking all over; in bed, itching all over; warmth, etc.; heat all over; towards morning, heat; *sweat.*—(*Midnight*), Drawing in forehead.—(*Before midnight*), Hiccough; cough.—(*After midnight*), Soon, soreness in lids; rising of water from stomach; sticking in chest; till 3 A.M., warm sweat, etc.—(*Open air*), Vertigo; burning, etc., of eyes; face pale, etc.; all troubles, especially febrile condition.—(*Walking in open air*), Headache; tearing in one side of head; pressure, etc., in abdomen; pressure in back. (*Bending backwards*), Pain in small of back.—(*After breakfast*), Bitter-sour taste.—(*Cold*), Tearing, etc., in back tooth, etc.—(*On becoming cold*), Pain in pharynx.—(*Cold things in mouth*), Toothache.—(*During dinner*), Fretful mood, etc.; pains about umbilicus, etc.; falling asleep of foot.—(*After dinner*), Constriction in head; ulcerative pain in head; digging in back tooth; throbbing, etc., in incisors; itching, etc., in back tooth; sticking in upper abdomen; *feet fall asleep.*—(*Eating*), *Toothache;* tearing toothache; throbbing in teeth.—(*After eating*), Vertigo; jerking, etc., in tooth; especially after breakfast, pressure in stomach; immediately, fulness, etc.,

in abdomen; tickling in larynx; weariness, etc.; *chilliness.*—(*After physical fatigue in open air*), Weeping mood.—(*Food or drink*), Especially cold, pains in stomach.—(*Knitting*), Tearing in shoulder; tearing in wrist.—(*Laughing*), Stitches in side of abdomen.—(*Lying down*), Headache.—(*Mental exertion*), Perspiration.—(*Motion*), Throbbing, etc., in teeth; pain in upper arm; drawing on surface of wrist; chilliness.—(*Moving head*), Sensation in head; throbbing behind ears; falling asleep of knees.—(*Pressure*), Pain in upper left side of head.—(*Rest*), Drawing in abdomen, etc.; after physical exertion, pain in back; bruised *pain in back; pain in joints of knees, etc.;* tearing in axilla.—(*Riding in carriage*), Tension alongside of back.—(*Rising from sitting*), Griping in groins; pain in knee; tearing in calves.—(*Rising from stooping*), Pressure in side of skull; twitching, etc., in ear; sticking in right chest.—(*Running*), Stitches in tendons.—(*After singing*), Feeling of lump in throat; soreness of throat.—(*Sitting*), Retraction of umbilical region; griping in groins; sticking in left chest; pain between scapulæ, etc.; pain above small of back; tearing in lumbar region; pain in region of kidneys; crawling in limbs, etc.; sensation in knee.—(*Standing*), Vertigo; pressure in occiput, etc.; *drawing in thigh;* twitches on lower leg; tension in calf.—(*Stepping*), Stitches in occiput.—(*Stooping*), Feeling in forehead; stitches in occiput.—(*During supper*), Pain in front teeth, etc.—(*After supper*), Itching in anus.—(*Talking*), Frontal lightness, etc.; *soreness of chest.*—(*Being talked to*), Frontal lightness.—(*Touching body*), Fright.—(*Turning around*), *Vertigo.*—(*On uncovering body*), Roughness in throat.—(*Violin playing*), Cough.—(*Walking*), Vertigo; pressure in forehead, etc.; *pain in liver;* feeling in lower abdomen; on expiration, tension across chest; pain in knee; especially on extending leg, pain on side of knee; stitches, etc., in feet.—(*Walking rapidly*), Weakness in head.—(*Warmth of bed*), *Drawing in thigh.*—(*Writing*), Vertigo; throbbing in head; feeling in forehead; pressure in whole frontal region; dyspnœa, etc.

Amelioration.—(*Afternoon*), On walking, stopped catarrh.—(*Open air*), Vertigo; pain in occiput; feels better.—(*Tight binding*), Tearing, etc., in back tooth.—(*Leaning head on hand*), Frontal lightness, etc.—(*Lying*), Drawing in small of back.—(*Moving about*), Pain in head, etc.; stiffness in neck; pain between shoulders.—(*Pressure*), Itching, etc., in back tooth.—(*Rest*), Giddiness; pressure in forehead, etc.; pain in small of back.—(*Sitting up in bed*), Headache.—(*Swallowing food*), Soreness of throat.—(*Warmth*), Toothache.—(*Wrapping up head*), Pressive headache at night.

KALI CHLORICUM.

Potassium chlorate, $KClO_3$.

Preparation for use, Solutions in water (triturations).

Authorities (1 to 16 from Martin's provings, Archiv f. Hom., 16, 1, 181). **1,** Blaufuss took 1 grain (first and second days), 3 grains (fourth day), 10 grains (eighth day); **2,** Graefe took one dose of 1 grain; **3,** Hilpert took various doses, 1 to 5 grains; **4,** Horn, various doses of 1 to 5 grains; **5,** Kunzmann, various doses, 1 to 5 grains; **6,** Martin, various doses, 1 to 5 grains and 3d trit.; **7,** Oehler, doses 1 to 5 grains; **8,** Reichmann, 1 to 5 grains; **9,** Vulpius, 1 to 5 grains; **10,** Werther, 1 to 3 grains; **11,** Wilken, repeated doses of 4 grains; **12,** Chisholm, in Hufeland's Journ., ii, p. 84, effects of 30 grains daily for twenty-one days for facecache; **13,** Rollo, from

the English of Jugler, ii, p. 131, effects of 64 to 120 grains within a week; **14**, Swediaur, Maladies Syphilit., 1801; **15**, Wendt, Mat. Med., 2d ed.; **16**, Ferrier Samml., etc.; **17**, Dr. Tully's provings, Bost. Med. and Surg. J., 1832, vol. 6, p. 327, E. J. D. took a scruple at one dose; **17** *a*, same, took ½ ounce; **17** *b*, same, took 1 ounce; **17** *c*, same, took ½ ounce; **17** *d*, same, 1 ounce; **18**, a gentleman took ½ ounce, from Tully; **18** *a*, same, took 1 ounce; **19**, William Stevens, "On the Blood," p. 156, general effects; **20**, Hutchinson, Lancet, 1858, effects of 15-grain doses every four hours for two days in case of carbuncle; **21**, same, boy, aged 8, took 8 grains three times a day for four days for ophthalmia; **22**, same, effects in a little girl with ophthalmia; **23**, Dr. Henry Osborn, Lancet, 1859, p. 364, took a dose of 5 grains, after a few weeks 10 grains, and after a few months 15 grains, also effects of solution used for cleaning teeth, symptoms similar to former but less severe; **24**. Isambert, effects of 1 to 20 grammes, Bost. Med. and Surg. J., 1860, p. 32; **25**, John S. Tuttle, suffering from phthisis, effects of daily doses of ¾ ounces, Br. Med. J., 1861; **26**, Dr. Ferris, effects of "a large spoonful" taken by accident, Phil. Med. Times, 1873; **27**, Chevallier, fatal poisoning by a dose of 20 grammes, repeated the next day, Gaz. Med. de Paris, Aug. 28th, 1875.

Mind.—Slight acceleration of spirits for two days (after 15 grains),[23]. —Sad, without desire to live, apathetic mood, with chilliness, in the evening; recurring several evenings,[6].—Ill-humor without cause, following great liveliness,[3].—Ill-humored, anxious, hypochondriac condition of the ganglionic nerve, persisting until relieved by twice repeated bleeding of the nose,[4].—Almost complete loss of consciousness, suddenly after a glass of wine,[1].

Head.—Confusion and Vertigo. Confusion of the head,[1 9], etc.; without headache,[5]; on walking in the open air,[6].—Confusion in the occiput, with a peculiar sensation in the muscles of the nape of the neck,[11].—Vertigo, with congestion of blood to the head, after violent motion,[5].—A small drink of beer intoxicates very easily,[1].—***General Head.*** [10.] Congestion of the brain to such an extent that one-half of the head, face, and nose felt paralyzed; for two days (after 15 grains),[23].—Sense of congestion of the head, accompanied by pain in the forehead (after 5 grains); continuing about two days (after 10 grains),[23].—Headache,[3]; with vertigo,[7]. —Constant headache,[3].—Quite violent headache,[3]; in evening, relieved next day,[9].—Cutting pain in the head, extending into the malar bones,[4].—***Forehead.*** Tension in the forehead,[3].—Tension across the forehead, followed by sneezing and catarrh,[4].—Headache in the frontal region ("S."?). —Drawing in the forehead, recurring,[6].—[20.] Frequently-recurring jerking in the upper and lower portion of the frontal bone,[1].—***Temples.*** Pain in the temporal region,[4].—Headache in the left temple,[6].—Sticking pain in the right temporal region, now appearing and now disappearing; returning again very violently after six days,[9].—***Parietals.*** Headache in the left side,[4].—***Occiput.*** Pain in the occiput in the evening, at times extending down into both jaws,[9].—Headache in the occiput,[11].

Eye.—Redness of both eyes in the evening, with some pain,[3].—Tendency to rush of blood to both eyes,[3].—Feeling of strength in the eyes,[3].—[30.] Cramp in the left eye,[8].—Twitching in the canthi,[3].—Violent pressure in the eyes,[4].—Some stitches in the eyes,[11].—Jerking in the inner canthi,[3]. —Pain in the upper lid, in the evening,[3].—Detected in the tears,[24].—Appearance of light before both eyes, when coughing or sneezing,[5].

Ear.—Roaring in the ears, with a painful bloody stool,[3].

Nose.—Objective. Sneezing,[8]; with violent catarrh,[9]; followed by catarrh,[4].—[40.] Frequent sneezing,[3 6].—Slight increase of secretion from pituitary membrane,[24].—Violent catarrh,[3 9].—Violent catarrh, with much sneezing and profuse secretion of mucus, quite unusual,[6].—Bleeding from the right nostril,[8].—Nosebleed twice,[4].—Violent nosebleed,[3].—Detected in the nasal mucus,[24].—Nosebleed at night,[4].—***Subjective.*** Drawing at the root of the nose,[6].—[50.] Irritation at the root of the nose,[3].—Irritation in the nose, frequent sneezing, with increased secretion of mucus; this occurred also next day, with jerking in the masseter muscles, which also recurred subsequently,[3].

Face.—Tension in the face, with pressure towards the eyes, especially on the right side,[8].—Drawing and tension in the right half of the face,[6].—At times sticking in various parts of the face,[9].—Increased sensitiveness of the whole face,[3].—***Cheeks.*** Tension in the right cheek beneath the eye, extending thence to the ear, afterwards on the left side,[6].—Drawing tension in the right cheek, followed by an inclination to sneeze,[6].—Drawing in the right cheek and in the gum, with a kind of cramp in the muscles of the right cheek,[6].—Drawing in the right cheek, with pain in the lobule of the right ear, at one time more beneath the orbits, at another more in the masseter muscles,[6].—[60.] Violent drawing in the right cheek,[6].—Tensive drawing in the left cheek near the orbital margin,[6].—Cramplike drawing in the cheeks, extending into the joint of the lower jaw, at times with slight tearing in the upper jaw,[9].—Drawing pain in the right cheek until he sneezes,[6].—Pressive pain in the right malar bone beneath the margin of the orbit, followed by tension in the whole cheek and temple,[6].—***Lips.*** Blue lips,[26].—Swelling of the upper lip; of the lower lip,[8].—***Chin.*** Cramplike pressure in the articulation of the lower jaw, with some stitches in both the jaw and teeth, especially of the right side,[9].—Jerking in the nerves of the lower jaw at the foramen maxillare posticum,[3].

Mouth.—Teeth. The teeth become blunted,[12].—[70.] Toothache in the upper jaw,[4].—Pain extending from the temporal bone to the eye teeth,[4].—The gum becomes bright-red,[12].—***Gums.*** Reddens the gums much faster than mercury,[19].—The gum bleeds easily when brushing the teeth as usual,[6].—***Tongue.*** Tongue white,[12]; in the middle,[13].—Tongue coated,[14]; with the diarrhœa,[2].—Back of the tongue coated,[6].—Two symmetrical ulcers on the sides of the tongue, each about the size of a fourpenny piece,[20].—Feeling of coldness on the tongue, immediately,[6].—[80.] Coldness on the tongue and in the throat, lasting five minutes; immediately,[6].—Fine sticking-burning on the tongue,[6].—***General Mouth.*** Mucous membrane of the mouth and throat appeared tanned, as if this had been effected by tannic acid (after 15 grains),[23].—["Mr. Hutchinson has recently drawn our attention to some interesting cases illustrative of the power of the chlorate of potash to produce a form of stomatitis exactly resembling one over which it possesses specific curative powers"],[20].—*Most acute ulcerative and follicular stomatitis. The whole mucous surface was red and tumid, and in the cheeks, lips, etc., were numerous gray-based ulcers,[21].—Stomatitis, not so severe as in the preceding,[22].—Muscles of the palate felt contracted (after 15 grains),[23].—***Saliva.*** Traces of it are detected in saliva (after five minutes),[24].—Increased secretion of saliva,[6].—**Profuse secretion of acid saliva,*[7].—Although less powerful than a mercurial salivation, the results of overstimulation were apparent in a weakness of action of the salivary glands for five or six succeeding days; the intensity of the salivary excitation was proportioned to the dose administered,[24].—[90.] Increased secretion of

mucus in the mouth,[11].—***Taste.*** Sourish taste,[9].—Disagreeable, saltish, sour taste,[8].—An acid taste remains,[6].—Sticking-burning, acid taste,[7].—Very transient, bitter, sourish taste,[3].—Persistently bitter taste, with coldness on the tongue, immediately; returning after breakfast and again after dinner, immediately after the drug; expectoration of mucus removes the disagreeable taste,[6].—Burning, alkaline taste,[9].—Saline taste,[24].—Taste as of blue vitriol, immediately,[1].—[**100.**] (Taste like laurel-water with salt),[6].—Loss of taste, being scarcely able to distinguish different kinds of meat (after 15 grains),[23].

Throat.—Dryness of the throat,[8].—Dryness in the throat and chest with violent cough, as after inhaling sulphur vapor (occurring after every dose of $\frac{1}{4}$th or $\frac{1}{5}$th grain, in a girl suffering from faceache).—Scraping in the throat,[6].—Pressive pain in the throat and stomach, with inclination to eructate,[6].—Rawness in the throat,[6].—Difficult swallowing,[9].

Stomach.—Appetite. Increase of appetite,[24].—Great hunger at an unusual time,[4].—[**110.**] Paroxysms of ravenous hunger, disappearing after a drink of fresh water; afterwards loss of appetite,[4].—Deficiency of appetite (second day), continuing (fourth day),[17c].—Considerable diminution of appetite for several days,[17a].—Appetite much diminished (second day), lasting three or four days,[18].—Loss of appetite,[6].—***Thirst.*** Thirst, after large doses (in several syphilitic patients),[13 14].—***Eructation.*** Eructations,[4].—Eructations and nausea,[6].—Violent eructations, with alternating pains in the thorax and abdomen,[7].—Eructations of air,[6].—[**120.**] Sourish eructations,[8].—Slight pyrosis (after large dose of too concentrated solution),[24].—***Nausea and Vomiting.*** Nausea, with slight shivering, immediately,[5].—Nausea and three or four attempts to vomit, though nothing but air was ejected (about the time the Opium was taken),[18a].—Incessant vomiting (fourth day), and finally death,[25].—***Stomach.*** Feeling of warmth in the stomach,[6].—Warmth in the stomach,[4].—(Gastralgia),[15].—Cardialgia (within an hour),[18a].—Moderate degree of cardialgia,[17b].—[**130.**] Pressure in the epigastric region,[1].—Pressure in the stomach with a feeling of emptiness,[6].—Pressure in the pit of the stomach with an apathetic mood and chilliness,[6].—Sensation of weight and oppression in the stomach almost amounting to pain, accompanied with slight but constant cardialgia, and considerable flatulence (within an hour), increasing so much as to nearly prevent sleep at night, continuing in a diminished degree (second day),[18].—Sensation of weight and oppression in the stomach (within an hour), increasing to a steady and uniform gravative pain (after three hours), which at last was so urgent that a grain of Opium was taken,[18a].—Sensation of weight, fulness, and distension of the epigastric region, which regularly and gradually increased and was attended with a sensation of twisting, continuing about six hours, soon; repeated second day, but subsiding at night; recurring (third day),[17b].—Strong sense of weight and distension in the region of the stomach, in the morning (second day), continuing (fourth day),[17c].—Severe, heavy, and oppressive pain and a sensation of sinking in the stomach, after a walk of one-eighth of a mile (after four or five hours),[17d].—Cutting in the stomach,[4].—Pressure in the left hypochondrium,[3].—[**140.**] Pressure in the right hypochondrium, extending to the umbilicus,[3].

Abdomen.—Tensive pressure in the right hypochondrium, disappearing after the emission of flatus,[5].—Sensation of weight and tension in the umbilical region, with considerable pain, which resembled the commencements of colica ileus, or common colic (first night), relieved by Opium; returning for three or four days,[18a].—Frequent moving about in the abdomen,

with inclination to diarrhœa,[6].—Flatulence (second day); lasting (fourth day),[17c]; (within an hour),[18a].—Much flatulence during the day,[6].—Much flatulence for several days,[17a].—Troublesome degree of flatulence, all the afternoon,[17b].—Inability to sleep on account of flatulence and epigastric distress (first night), returning for three or four days; relieved by Opium each day,[18a].—Pain in the abdomen,[1].—[150.] (Pain in the abdomen and diarrhœa), (after 232 grains in seven days, in a syphilitic),[13].—Pain in the bowels became very severe (fourth day),[25].—Griping in the abdomen,[8].—Violent colic (first dose),[27].—Pain in the pelvic region recurs after repeated doses and continues with diarrhœa for ten days,[7].

Rectum and Anus.—A troublesome degree of proctica marisca took place immediately, and was not subdued for ten days,[18a].—Persistent pain in the rectum,[3].—Urging to stool,[8].—Constant desire for stool, with a normal evacuation,[6].

Stool.—Diarrhœa. Violent diarrhœa, always liquid, at last after six days consisting only of mucus, continuing till the ninth day,[2].—[160.] (Painful diarrhœa),[15].—Copious alvine evacuation, which resembled the operation of a full dose of a refrigerant purging salt (after three hours),[17d].—Fæces soft, without pain during the evacuation,[3].—Stool somewhat thinner than usual,[3].—Liquid stool the next morning,[6].—Liquid stools with pain in the pelvic region for ten days,[7].—Thin liquid stool,[6].—Fæces lighter colored than natural for ten days,[18a].—Fæces often tinged with green,[24].—Stool very dry, at last mixed with mucus and blood,[3].—[170.] Stool harder than usual,[4].—Stool hard and dry,[3].—Stool very indolent, delayed; only occurring at 11.30 P.M.,[6].—***Constipation.*** Torpor of the intestines, indicated by costiveness, which was immediately attended with a moderate degree of proctica marisca, continuing third day,[18].—The usual evening stool is omitted,[1].

Urinary Organs.—Itching in the urethra,[3].—***Micturition.*** Unusual desre to urinate,[7].—Frequent urging to urinate,[6].—Frequent micturition (after 20 grammes daily),[24].—Frequent micturition and a discharge of nearly double the quantity of urine, with considerable of that sort of irritation about the bladder and urethra which the experimenter remembers having formerly experienced not only from Nit. of Potassa, but from Carb. of Potassa (during urinating),[18a].—[180.] Inability to empty the bladder,[21].—***Urine.*** (It acts as a diuretic, especially in dropsy),[16].—Obvious increase of urine in the evening and night,[17c].—Urinary secretion nearly doubled at night (first night),[18].—Hæmaturia,[26].—(The urine which was previously turbid became clear; it had become turbid after doses of 1 grain); this followed a subsequent 5-grain dose,[5].—Urine very turbid,[4 5 6 9].—Urine strongly acid and deposits urates abundantly,[24].—Traces of it in the urine (after fifteen minutes),[24].

Sexual Organs.—Violent erections with emissions,[3].—[190.] Continued violent erections, with itching on the scrotum,[3].—Very much depressed sexual desire, with chilliness and apathetic mood,[6].

Respiratory Organs.—Irritation to cough in the larynx,[6].—Hoarseness,[3].—Cough,[9].—Violent cough with catarrh,[7].

Chest.—Rush of blood to the chest,[1].—Constriction in the chest as from sulphur fumes (in a girl suffering from pain in the face), repeated three times (after ¼th gr. of 5th trit.).—Tightness of the chest,[6].—Painful pressure in the left costal region, superiorly,[6].—[200.] Oppression of the chest, with violent beating of the heart,[1].—Oppression of the chest, with a sensation as if the lungs were constricted with a fine thread; this continued till the next morning when a new dose was taken; in the afternoon the pain

in the chest returned with renewed violence, and in the evening without farther cause had become exceedingly annoying; this continued three days, but entirely disappeared on the fourth day, so that a new dose was taken, which also caused oppression of the chest, lasting two days,[11].—Detected in the milk of two nurses who were taking it as a medicine,[24].

Heart and Pulse.—Heart's Action. Distinctly perceptible (to the touch) though not accelerated beating of the heart, with coldness in the præcordial region,[6].—Violent but regular beating of the heart (80),[5].—Violent, almost audible beating of the heart, oppression of the chest and cold feet,[1].—***Pulse.*** Pulse increased in frequency,[1].—Accelerated pulse,[14].—Pulse accelerated to 80,[1].—(Pulse 90 in a syphilitic after taking 116 grains in seven days),[13].—[**210.**] Pulse accelerated, 86 (usually 65),[9].—Pulse 70 (usually 64 to 67), (soon after 5 grs.); even after sixty to seventy hours it was still beating 72,[3].—Pulse 74 (usually 70),[8].—Pulse 78, after twenty-four hours 74 (usually 70),[4].—The pulse which before taking the drug was usually 65, rose within three hours to 80 and then to 90 for several hours together,[9].—Obvious and unequivocal diminution of the pulse, both in fulness and force, commencing within an hour and continuing through the evening and night,[16a].—Pulse 96, which was an accidental increase of 24 beats, before taking; 80 (after half an hour); 68 (after one hour), which was 4 beats less than natural,[17].—Pulse 80, before taking; 64 (after one hour), varying from 56 to 65, a slight exertion or motion raising it to the latter number, and quiet for a time reducing it to the former, at the same time it was considerably smaller and weaker (after two hours); 64 (after three and four hours),[17b].—Pulse 76, before taking; diminished considerably in force, and also reduced about 10 beats in frequency (after one or two hours),[17].—Pulse 76, before taking; 56, small and weaker (after one hour); 56 when perfectly quiet, but by a slight exertion or motion it would rise to 64 (after two hours); still smaller and weaker, 48 (after four hours); 36 (after four or five hours),[17d].—[**220.**] Pulse in the right hand full, soft, slow, 68, intermitting every 25 to 30 beats, not harmonious with the beat of the heart (80 to the minute); in the left hand it was small, soft, very compressible, lasting two hours,[5].

Neck and Back.—Slight sense of pain and weight in the lumbar region (after 20 grammes daily),[24].

Superior Extremities.—Drawing in the forearms,[3].—Drawing and tearing in both wrists,[6].—Slight tearing in the right wrist and along the ulna,[6].—Greatly inflamed hang-nails, quite unusual,[6].—Cramp in the index finger of the right hand,[8].

Inferior Extremities.—Drawing in the thigh,[3].—Violently sticking pains in the right knee-joint,[9].—Cramp in the lower leg,[8].

General Symptoms.—Objective. [**230.**] Terrible convulsions, followed by death; next day the body had turned slate-color,[27].—Great weariness and desire to sleep, returning after every dose,[3].—Weakness,[5].—Great weakness, with the diarrhœa, transient,[2].—***Subjective.*** Feeling of discomfort,[11].—Rheumatic pains in different parts of the body,[9].

Skin. — Objective. Congestion of the surface,[26]. — ***Eruptions, Dry.*** Numerous small red papules,[1].—Pimples on the forehead,[3].—Pimples on the lower lip, with great rush of blood to the eyes,[1].—[**240.**] Pimples between the lip and chin,[3].—Pimples on the thigh and on the right corner of the mouth,[7].—A pimple with unusual burning on the left cheek,[6].—Itching in the skin at night; on the next morning there appeared small red pimples on the legs and shoulders, not on the joints; they dry up after

forty-nine hours, and are followed by the appearance of some pimples on the face,[8].—Rash, with some painful pimples on the left shoulder, for ten days,[4].—***Eruptions, Moist.*** Itching vesicles on the back of the right hand,[6].—Pimples itching very much, with small vesicles on the back of the left hand, disappearing in the course of the day, but returning the following morning,[6].—***Eruptions, Pustular.*** Several pustules filled with matter, surrounded by a red areola, not itching very much,[3].—***Subjective.*** Itching over the whole body (first day); on the next day more in the face,[7].—Itching over the whole body in the evening in bed,[1].—[**250.**] Much itching on the head and other portions of the body,[6].—Violent itching over the whole body,[10].

Sleep and Dreams.—Sleeplessness. Uneasy sleep,[3].—Uneasy sleep, wakes towards morning, quite contrary to habit, from an anxious dream, lying on the back, with loud snoring and great difficulty of breathing,[6].—Sleep restless, frequently interrupted by heavy dreams,[1].—Sleep restless, full of vexing dreams, very unusual,[6].—***Dreams.*** Many dreams of the occurrences of the day previous,[7].—Voluptuous dreams, with profuse emissions,[3].—Quiet dreams of prophecies of death,[6].—Quiet dreams of death from nervous fever,[6].

Fever.—Chilliness. [**260.**] Chilliness,[4].—Chilliness over the whole body in the evening,[3].—Chilliness in the open air, very unusual, lasting three days,[1].—Chilliness, with stiffness of the hands,[6].—Continued chilliness,[7 8].—Great chilliness,[6]; in afternoon,[9].—Remarkable chilliness for several days,[4].—Great chilliness, even to shivering,[6].—Shivering sensation, immediately,[6].—Shivering over the whole body,[5 6].—[**270.**] Coldness in the præcordial region,[6].—Remarkable coldness in the right arm,[8].—Transient internal coldness in the right forearm,[6].—Cold feet, with palpitation of the heart,[1].—Cold extremities,[26].—Cold shivers over the back and neck, with warm feet,[1].—***Heat.*** Intolerable heat in the bed,[1].—Febrile condition, with violently throbbing pulse and heart,[1].—Flushes of heat in the face,[3].—***Sweat.*** Detected in the perspiration,[24].

Conditions. — **Aggravation.** — (*Afternoon*), Chilliness. — (*Evening*), Sad, etc.; headache; pain in occiput; redness of eyes, etc.; pain in upper lid; chilliness.—(*Night*), Nosebleed.—(*Walking in open air*), Confusion of head.—(*After violent motion*), Vertigo.

KALI (HYPO) CHLOROSUM.

Potassium hypochlorite (formula variable, probably consisting of Potassium hypochlorite, Chloride, and some Carbonate).

Common names, Javelle Water, Bleaching Fluid, etc.

Preparation, Solutions in water.

Authorities. **1,** Simonson, from Wibmer, a child took a teaspoonful by accident; **2,** Devergie, Med. Legale, 3, p. 322, from Orfila, a girl aged 17 took a beerglassful for suicide; **3,** Barbette, Jour. de Med. de Bordeaux, 1843 (A. H. Z., 28, 154), a girl aged 25 drank, probably, 700 grammes; **4,** Annal. de Hyg., 1876 (S. J., 171, p. 139), a woman drank two-thirds of a glass.

Mind.—Complete loss of consciousness for many hours,[2].

Head.—Slight headache,[2].

Eyes.—Eyes watery,[3].

Face.—Face red,[3].—Pale and puffy look,[1].

Mouth.—Tongue dry and whitish,[2].—Lips and mucous membrane of the mouth pale,[2].

Throat.—Feeling of constriction in the throat and œsophagus,[3].—Violent pains, and a feeling of great heat in the pharynx and œsophagus,[2].—[10.] Swallowing difficult and painful,[2].

Stomach.—Nausea without vomiting,[4].—Epigastric region painful to pressure,[2].

Abdomen.—Distension of the abdomen,[1].—Abdomen painful,[1].—Intolerable pain in the upper abdominal region; on putting the hand on the stomach or throat, most violently convulsive contractions in the stomach,[3].—Violent colic pains,[4].

Stool.—Copious watery diarrhœa smelling of the Chlorine,[1].

Respiratory Organs.—The larynx and whole anterior cervical region are painful to pressure,[2].—Voice hoarse,[1].—[20.] Paroxysms of cough from time to time,[1].—Incessant cough, with difficult respiration,[4].

Chest.—Chest pressed together, and watery froth exuding from the mouth,[3].

Pulse.—Pulse full and rapid,[3].—(Pulse regular, 76 to 78),[2].—Pulse soft, scarcely to be counted,[1].

General Symptoms.—Cramps lasting half an hour (after a quarter of an hour),[2].—Excessive restlessness,[3].

Fever.—Coldness of the extremities,[4].—Skin hot, somewhat moist,[2].—[30.] Forehead covered with sweat,[3].

KALI CYANATUM.

Potassium cyanide, KCy.

Preparation, Triturations.

Authorities. **1**, Lembke, provings with 1st and 2d trits. (1 to 50), doses of 2d trit., 1 to 8 grains, of 1st trit., 3 to 35 grains, afterwards with a solution of 1 grain crude in a drachm of water, doses increased to 20 drops each, A. H. Z., 49, 179; **2**, Mr. ——, took 3d trit., night and morning to third morning, Pub. Mass. Hom. Med. Soc., II, p. 18; **3**, same, took 1st trit., night and morning, for four days; **4**, another man took 1st trit. (first, second, and eighth days), from same; **5**, Weidner, effects of about 12 grains in solution, Casp. Woch., 1845 (Frank's Mag., 1, 163); **6**, a physician took about same dose, from same; **7**, Wagner, a man took a large quantity of a strong solution, Archiv f. Phys., 1859 (S. J., 105, 176); **8**, Blondlott, effects of a solution (?), J. de Chim. Med., 1856 (S. J., 90, 169); **9**, Gunther, effects of a solution (?), Archiv f. Hom., 12, 1, 142; **10**, Orfila, fatal tox. by an injection of 200 grains; **11**, Ware, a woman took about 7 grains in a solution, Bost. Med. and Surg. J., 1856, p. 387; **12**, Perry, a child with slight cough took about 4 grains in solution, N. Am. J. of Hom., 1852, p. 475; **13**, Krause, a man took about 1 drachm, Am. J. of Med. Sc., N. S., 58, p. 422; **14**, Dr. O. R. King, a girl of six years, tasted of a solution containing 20 grains to an ounce, Am. Hom. Rev., 1, 563; **15**, Schauenstein, three cases of poisoning, Am. J. Med. Sc., 1860, p. 279; **16**, Ebersberger, a girl aged three, took about 6 grains, Syd. Yr. Book, 1860, p. 460; **17**, Damme, effects of removing silver stains with KCy and vinegar, Br. and For. Med.-Chir. Rev., 1863, p. 535; **18**, Carriere, effects of injection of a solution, Bull. Gén. de Ther., 77, 458; **19**, Scholz, a man swallowed a piece the size of a pea, Monats Bl., A. H. Z., 15, p. 7; **20**, Stearns, effects

in a healthy man, Am. J. Med. Sc., 1869, p. 408; **21**, Frank, effects of a solution, Vjs. f. Ger. Med., 1868; **22**, Taylor, effects of 3 grains in solution (followed immediately by sulphate of iron and mustard and water, till vomiting was induced); **23**, Arnold, effects of about 1 grain on self, Am. J. Med. Sc., 1869, p. 103.

Mind.—Emotional. Disposition gentle (sixth day),[4].—Good disposition of mind, with light-heartedness, jocularity, and brightness of feelings, all day (fifth day),[4].—Had occasion to get angry, but could not; felt more like laughing instead (second day),[4].—For two days, desire to find fault; crossness almost uncontrollable on entering the room; while the cold open air produces good spirits (third day),[2].—At 7 P.M., while walking out of doors, feeling of crossness; carries on a kind of conversation within himself, as if quarrelling with some one with whom he had previously disagreed; thinks what he will reply in case certain things are said to him (this state of mind is really painful; there are occasional remissions of it, and there is really no cause for it), (fifth day),[3].—As a general thing, for the past few days, easily provoked, and impatient at trifles (fifth day),[3].—***Intellectual.*** Perfectly bright and well on waking and rising (seventh day),[3].—Sometimes cannot think clearly and to the point, in the forenoon (fifth day),[4].—Memory seems weak (fourth day),[4].—[**10.**] She remembered nothing from the time she tasted the solution till consciousness was restored (two hours and a half),[14].—Perfectly lucid, but had no recollection of anything which occurred after she took the injection (second day),[18].—Talked all the evening, but could not find words easily (ninth day),[4].—Inability to recollect certain words (aphasia), for several days,[19].—Seemed to lose all thought for a moment only; the same sensation again half an hour afterwards (fifth day),[4].—Stupefaction,[1].—Lying on the floor in a deep stupor,[23].—Loss of consciousness,[5]; (after a few minutes),[11].—Almost complete loss of consciousness,[6].

Head.—Confusion and Vertigo. Head confused and heavy (after one hour),[6].—[**20.**] Vertigo, even to losing his balance,[6].—Intense vertigo so that all objects seemed to be moving around him (after a few minutes),[17].—Violent vertigo, accompanied with a sort of swooning, then she fell and lost her consciousness (immediately),[18].—Slight giddiness in the head (immediately),[23].—***General Head.*** Head drawn backwards (soon),[18].—Head seems light, and also the tongue, with pleasure and power to talk, in the morning; had a headache on the day before commencing the proving, leaving head dull, which was replaced by lightness of the head and tongue (second and third day),[4].—Started up suddenly complaining of pain in the head and pit of stomach (after two hours and a half),[14].—Head began to feel full, and had dry feeling, with tension across nose and inner corners of the eyes; also around the mouth, at 7.30 A.M. (ninth day),[4].—Headache (after two hours, second day),[18].—He was unable to tolerate any covering on the head, whether in the cold or warmth, because it caused the frightful headache, for months after the attack,[9].—***Forehead.*** [**30.**] Pressure in the forehead,[6].—Headache in the forehead, dull, pressing, but confined to a small space over the frontal bone, while walking briskly in the open air, at 4 P.M. (third day),[3].—Slight shooting pains in the forehead, over the eyes, particularly the left; pains shooting from below upwards, while riding in the open air, in the forenoon (third day),[3].—***Vertex.*** Oppressive headache on top of head, the pain moving about, sharp and tearing, for five minutes; then head feels dull, which passed away unawares, at 11 A.M. (third day),[4].—Slight oppressive headache on

the top of the head, in the forenoon (tenth day),[4].—***Occiput.*** Slight dull pain in back of head, aching about twenty minutes, just before going to sleep (first night),[4].

Eye.—Objective. Eyes fixed,[10].—Eyes fixed and staring (after ten to fifteen minutes),[14].—Eyes fixed and turned upwards (soon),[18].—***Subjective.*** Prickly feeling in the eyes, worse in the inner corners (ninth day),[4].—***Lids.*** [40.] Eyes were closed, almost immediately,[16].—The eyelids began to open and shut alternately, the eyeballs stared in different directions (after a few seconds),[21].—***Ball.*** Eyes closed, but on raising the lids the balls were seen to be in uninterrupted convulsive motion,[19].—(Chorea of the ball),[19].—Motion of the eyeball slow, not co-ordinated after the attacks,[19].—***Pupil.*** Dilated pupils,[10 12]; (after ten and fifteen minutes),[14].—Pupils moderately dilated, the cornea insensible to touch,[19].—Pupils largely dilated, and insensible to light,[20].—***Vision.*** Obscuration of vision, so that it was with difficulty that he distinguished the features of those near him,[6].—Loss of sight; as sight returned there was *double vision*,[17]. —[50.] Double vision after the return of consciousness,[19].

Ear.—Rushing in the ears,[6].

Nose.—Objective. Phlegm from nose bloody, in stripes of clear blood, at 10 A.M. (third and ninth day),[4].—Blew pure blood from nose about 10 A.M.; inside of nose feeling parched, hot, and dry; blood drying in the nose very quickly (ninth day),[4].—***Subjective.*** Feeling in the nares, like that before sneezing, with a drawing pain in the cheek-bone (first day),[2].—Tension across nose and inner corners of the eyes, with fulness of the head, at 7.30 A.M. (ninth day),[4].

Face.—Objective. Pallor of the face,[17]; (soon),[18].—Looked pale and exhausted, in the afternoon,[14].—Face livid and bloated,[23].—Turned blue in the face,[23].—[60.] Flushed face, on waking in the morning (fifth day),[4].—Face covered with red spots, with at times transient diffused intense redness if he made passive motions with the upper extremities, and also in the long pauses between the respirations,[19].—Immediately the face became puffy and cyanotic,[19].—Twitching of the face (after a few minutes),[21].—***Cheeks.*** Cheeks deadly pale, almost immediately,[16].—***Lips.*** Lips white, almost immediately,[16].—Commissure of the lips covered with a light, white foam (soon),[18].—A reddish froth covered the mouth and nose,[23].—There was noticed slight twitching of the mouth when the patient was spoken to in a loud tone of voice, as though the sense of hearing were awakened, though the stupor still continued (third day),[19].—Tension around the mouth, with fulness of the head, at 7.30 A.M. (ninth day),[4].—***Chin.*** [70.] Some difficulty in using my lower jaw in the act of speaking,[23].—Jaws firmly closed,[20]. —Teeth closed so firmly and continuously, that only once or twice could anything be poured into the mouth,[12].—Jaws tightly closed, the region of the masseter muscles very prominent and as hard as cartilage,[19].—The patient lay in a frightful tetanic cramp, jaws so tightly closed that it was impossible to open them; the eyes were drawn completely back into their orbits, face distorted, nose pointed, mouth drawn outward, pulse imperceptible, and hands frequently attacked with muscular twitches,[9].—Jaws violently closed (soon); the trismus was so violent that it was impossible to separate the jaws for the purpose of introducing a liquid into the mouth; a strong iron spoon introduced between the teeth, and used as a lever, effected a slight opening,[18].—Some difficulty in introducing an emetic into my mouth,[23].—It was impossible to get anything into the stomach,[11].—Spasmodic closure of the mouth,[19].—Spasmodic closure of the jaws (after

ten or fifteen minutes),[14].—[80.] Jaws rigidly contracted,[13].—Locked jaw,[12].—Vague pain in the jaws (second day),[18].

Mouth.—Lips and mucous membrane of the mouth pale,[19].—Slight frothing at the mouth (after ten or fifteen minutes),[14].—A peculiar astringent taste in the mouth, something like that of a saturated solution of alum or green vitriol (immediately),[6].—Power of speech lost, but intelligence preserved,[17].

Throat.—Astringent sensation in the throat and nausea, lasting till after midnight,[6].—Feeling of constriction about the fauces, with muscular tremors about the throat; for one or two days afterwards he complained of a great degree of stiffness about the throat,[22].—Immediately after meals, especially dinner, quite a painful feeling of fulness in region of œsophagus; also feeling of much accumulation of wind in the stomach, with desire to raise it; tried to but could not; this became particularly noticeable in the forenoon of the third day, and continued all through it; the above symptom became still worse after dinner than ever before, with painful soreness about œsophagus; feelings in the stomach are very troublesome, with a pressure upwards (third day); had these symptoms slightly and occasionally a few days before taking the medicine,[4].—[90.] The patient was able to swallow as soon as a large amount of fluid filled the pharynx; after every swallow the whole body was seized with convulsive tremors and flushes of redness overspreading the face,[19].—Had no sensation of the act of swallowing,[23].

Stomach.—***Appetite.*** Appetite good, but no hunger before eating (third day),[4].—Less appetite for meals, though food relishes, but ate less than usual (fifth day),[3].—***Eructation.*** The trouble in stomach passed off with eructation of much wind, coming up easily and involuntarily, leaving only slight soreness about the œsophagus, at 4 P.M. (third day),[4].—***Vomiting.*** Inclination to vomit (immediately),[5].—Great inclination to vomit,[6].—Vomiting immediately,[12].—Copious vomiting (after five hours); followed by return of consciousness,[23].—Retching with copious vomiting, immediately after the difficult swallowing of a cup of milk; the vomiting was followed by relief,[6].—[100.] Vomited twice at an interval of half an hour, a small quantity of yellow water having a peculiar smell (soon after two hours and a half), and from that time improved rapidly,[14].—The color of matter first vomited was light-blue or greenish,[22].—***Stomach.*** The epigastrium prominent, almost immediately,[16].—Pain in the pit of the stomach (after two hours and a half),[14].—Severe burning in the stomach (immediately),[11].—Great sensitiveness of the epigastric region (fourth day),[19].

Abdomen.—A feeling as if the bowels were about to act,[11].—Pains in the abdomen,[7].—Very severe, dull tearing pain in the bowels, beginning in the region of the bladder, and running quickly over whole abdomen towards outer surface; but also in the bowels, tearing, rolling, and cutting, which extended as far as the stomach; it lasted about five seconds, then it ceased slightly for a moment, and then again increased; and lastly passed away quickly, leaving no sensation, at 10 A.M. (ninth day),[4].—***Iliac Region.*** Pain in the groins, in the afternoon (tenth day),[4].—[110.] Pain in right groin, at 9 A.M., passing into loins, and passing off towards 12 o'clock; pain in right groin made leg feel stiff, at 1.15 P.M. (ninth day),[4].—Up to this time and previous to taking the medicine, had a dull, painful feeling in back after nocturnal pollution, with dread of head work or any exertion, which was replaced by pain in left groin (second day),[4].—Pain in the left groin and hip-bone, in the night (ninth night),[4].—Pain in left

groin while standing, at 4 P.M. (ninth day),[4].—Slight dull pain in right groin, which disappeared after a few seconds, and then reappears in back of head, aching about twenty minutes, just before going to sleep (after fifteen or twenty minutes, first night),[4].—Slight dull pain in left groin, near top of hip-bone, which passed, at intervals of one or two seconds, to both thighs, chest, and top of head, at 10 A.M. (second day),[4].

Stool.—Fæces came away involuntarily,[23].

Urinary Organs.—Bladder distended by a large amount of urine, which had to be evacuated with a catheter,[19].—Urine came away involuntarily,[23].—Examination of the urine showed a sp. gr. of 1.014, slightly acid, odorless, of a wine-yellow color, without sediment, the chlorides and urophæin normal, the uroxanthin increased, sulphates, alkaline phosphates, earthy phosphates, urea, and uric acid diminished (second day),[19].

Sexual Organs. [120.] Awoke at 4 A.M., after unconsciously having had a seminal emission; then fell asleep, with an indistinct dream and horizontal erection; strong sexual desire, producing a tendency to seminal emission (sixth morning),[4].

Respiratory Organs.—Voice hoarse after the attack,[19].—Loud mucous rattle,[13].—Respiration superficial,[1].—Slow and difficult breathing,[10].—Respiration slow, regular,[19].—Breathed slowly and heavily,[23].—Breathing slow and noisy, inspiration quick, expiration very slow and prolonged, with a loud groaning noise (after ten or fifteen minutes),[14].—Breathing not oftener than four or five times a minute, and stertorous,[20].—Respiration slow, with extremely long intervals,[9].—[130.] Respiration became very slow, only 7 to the minute; the expiratory act was prolonged; the intervals between the respirations were remarkably long (second day),[19].—Respiration heavy and labored, producing the blowing of bubbles at the mouth,[23].—Diminished frequency of respiration (12 to 16 per minute),[12].—Respiration nearly suspended, but the thorax was convulsively raised, at irregular intervals, far enough apart (soon),[18].—Struggled desperately for breath, and the horrible conviction of impending suffocation, though ignorant of its cause, did not leave me for a moment; this stage lasted hardly thirty minutes; the violence of the asthmatic symptoms prevented my speaking,[23].—Dyspnœa,[13].—Inclination to yawn, to sigh, and to heave, immediately,[23].—Respiration as if the chest were constricted,[21].—Inability to take a deep breath without pain,[6].

Chest.—Anxious feeling in the chest, soon (second day),[4].—[140.] Oppression of the chest,[1].

Heart and Pulse.—Præcordium. Stitches in the heart and lungs,[1].—Jerking stitches in the heart on respiration,[1].—***Heart's Action.*** Palpitation of the heart,[10].—***Pulse.*** Pulse 70, large, soft, and compressible,[19].—Pulse small, but distinct, 60 per minute,[12].—Pulse fell to 60, became small and soft (second day),[19].—Pulse at times 15 beats slower than usual,[1].—Pulse scarcely perceptible, slow and irregular (soon),[18].—Pulse hardly perceptible,[23].—[150.] Pulse at the wrist not perceptible,[20].—The pulse insensible, the heartbeat scarcely perceptible (almost immediately),[16].—No pulse (after ten to fifteen minutes),[14].

Neck and Back.—Vague pain in the nucha (second day),[18].—Feel painfully weak in back and loins, during morning and forenoon (sixth day),[4].—Very marked weakness in the lumbar regions, with dull pain and weakness of right and left iliac region, while walking and during the afternoon (third and fourth days),[3].

Extremities in General.—Limbs rigid and convulsed (soon),[18].—

Spasms of the extremities,[13].—Tetanic spasms of the muscles of the arms and legs,[21].—Extremities relaxed, and when raised fell down as heavy as lead,[19].—[160.] Limbs flaccid, with occasional *slight* general convulsions more like a shuddering than anything else (after ten or fifteen minutes),[14].—The arms sank down, the cloth fell from the right hand, he leaned back upon the chair with the legs stretched stiffly forward, the head turned backward (after a few seconds),[21].

Superior Extremities.—Sharp stitch in right shoulder, in the morning, just after rising (third day); it occurred several mornings in succession, and was also felt at various other times during the day, though not so well marked,[2].—Hands clenched (after ten or fifteen minutes),[14].—The fingers were stretched out and spasmodically contracted (after a few seconds),[21].

Inferior Extremities.—Gait seemed to me to be unsteady,[23].—Legs feel heavy, but with a disposition to walk, in the latter part of the afternoon (fourth and fifth days),[4].—Pain in legs in different places, with weakness below the knees (fourth day),[4].—Felt stiffness and pain in legs, as if from below on the thighs, while walking, at 2 P.M., lasting all the afternoon (ninth day),[4].—Severe rheumatic twinges on the inner side of right knee, lasting only a second, at 11 P.M.; they continue and assume the character of continued pain over the whole right knee; while the twinges continue at intervals of a few minutes for an hour after going to bed (fourth day), and are felt again next morning after rising (fifth day),[3].—[170.] Became weak in the lower part of legs, below the knees, extending to a part of each foot; sometimes felt in the knees, but not in the ankles; felt at the same time a desire to walk, but could not walk with ease and pleasure; the legs feel heavy, at 4 P.M.; weakness of legs passed off at 6.30 P.M. (third day).—Weakness in lower part of legs, extending to part of feet and ankles, but without pain, in the afternoon (fifth day).—Slight weakness in lower part of legs, below the knees, passing away soon; after 5 P.M. (ninth day),[4].

General Symptoms.—Objective. Moved with quickness and precision on rising, in the morning (fifth day),[4].—Circulation languid,[12].—Convulsions, immediately,[12].—Convulsions followed by death,[7].—General convulsions,[10].—Sudden convulsive action of the whole body, about ten minutes after the heart ceased to beat,[11].—The muscles were in a condition of hyperæsthesia; if one pressed on the thigh, calves, upper arm or over the region of the stomach the whole body was seized with trembling startings like convulsions; these tremors gradually passed into short attacks of general tetanus if violent pressure was made upon the muscles or the epigastric region, or when introducing the catheter; after every such tetanic spasm mobility of the extremities was presented for a long time on account of muscular rigidity, and complete relaxation of the limbs came on gradually, and only after half an hour; these attacks of tetanic spasms were accompanied by moaning; at last there was observed for a minute or so a spasmodic trembling of the hands and feet; the diaphragm seemed to be affected by violently convulsive contractions,[19].—The sphincters rigidly contracted,[16].—Strong tetanic spasms, directly, and death in less than an hour (in a young girl),[15].—[180.] Most frightful epilepsy repeated several times, the day after an attack,[9].—Motionless (soon),[18].—Sphincters paralyzed,[12].—Lazy and sleepy, and disinclined to work, in the morning (tenth day),[4].—General weakness,[1].—Physical exhaustion (second day),[6].—Great exhaustion,[17].—His senses almost entirely disappeared, as in faintness,[6].—Insensibility,[12].

—Became insensible and fell down,[20].—[190.] Fell insensible,[16].—Fell insensible on the floor, immediately,[14].—The poison had hardly penetrated the intestine when she fell senseless, without a single complaint,[18].—Fell off my chair before I had finished drinking the emetic, turned blue in the face, and breathed slowly and heavily; it was six hours before I gave signs of returning consciousness,[23].—Soon began to reel and fell down with extreme prostration, followed by convulsions of the limbs, extreme dyspnœa, and death,[8].—***Subjective.*** Skin pale, not sensitive to violent pressure or pinching,[19].—Affected easily by cold draughts of air, producing crossness, in the afternoon (fifth day),[4].—Slightly nervous, soon (second day),[4].—Feels stronger than before, and more inclined to work (second day),[4].—Feeling of muscular trembling with general weakness,[22].—[200.] Feeling of lassitude all the forenoon, towards evening it changes into moroseness (fifth day),[3].—Pains in various joints and muscles,[1].—Muscles painful to touch or motion after the attack,[19].—Symptoms did not pass away for ten hours,[17].—Took some weak milk punch, and smoked, in the afternoon; after which all the symptoms vanished, and the effect of the medicine seems to have been cut off short by this slight irregularity (seventh day),[3].

Sleep and Dreams.—Sleepiness. Sleepiness during day (ninth day),[4].—Became very sleepy at 2 P.M. (fifth day),[4].—Felt very sleepy at 8 P.M.; could not keep awake; became wakeful again at 9 P.M. (third day); slept soundly all night (third night),[4].—After being quite awake and bright all day, became sleepy early in the evening, and wakeful again at 9 P.M. (second day),[4].—Slept well all night (eighth night), waking with clear head, at 6 A.M. (ninth day),[4].—[210.] Slept soundly all night (fourth night),[4].—Slept soundly until 2 o'clock A.M. (second night),[4].—***Sleeplessness.*** The sleep at night had been restless; confused dreams, which he cannot remember after waking, for two nights (third night),[2].—Restless, dreamful sleep all night; could not lie on one side for any length of time (third night),[3].—***Dreams.*** Dreams very lively, especially towards morning (third night),[4].—Dreams clear, very lively, and practical, with very satisfactory feeling after waking and in regard to dreams (fourth night),[4].—Lively dreams, but awoke only once during the night, and then continuing the dream had before waking, very lively, quick, and rushing (first night),[4].—Rushing dreams, very clear and distinct, from 2 o'clock until morning (second night),[4].—During the whole night, dreams horrid and exciting; then waking up partially, and feeling tired of lying on that side, as after great fatigue; turning on the other side, another dream, waking, and turning again, and so on till morning (fifth night),[3].

Fever.—Chilliness. Surface of the whole body cold and moist (after ten to fifteen minutes),[14].—[220.] Shiverings,[17].—Coldness of the extremities,[10 17].—Coldness of extremities, which were pendulous and without muscular power,[12].—Hands cold (soon),[18].—Extremities icy cold, almost immediately,[16].—***Heat.*** Awoke about 6 A.M., with heat and disagreeable feverish perspiration over whole body, excepting legs below the knees, with flushed face (fifth day).—Awoke about 6 A.M., with *dry* heat and *perspiration* (sixth day),[4].†—Heat in the head,[1].—***Sweat.*** Hands and face covered with cold perspiration,[20].

Conditions. —**Aggravation.**—(*Morning*), All symptoms,[4]; at 7.30 o'clock, fulness of head, etc.; after rising, stitch in shoulder.—(*Afternoon*), Weakness in lumbar regions, etc.; weakness in lower legs.—(*Evening*), All

† As in original text.

symptoms,[4].—(*After meals*), Immediately, especially after dinner, fulness in region of œsophagus, etc.—(*In room*), Crossness, etc.

Amelioration.—(*Motion in open air*), The symptoms,[1].

KALI FERROCYANATUM.

Potassium ferrocyanide (Blut-laugen-salz).

Preparation, Triturations.

Authorities. **1**, Dr. James B. Bell, provings Hahnemann. Month., 2, 43, D. R., a man aged 27, took ½ grain of 1st trit., at 3 P.M.; **2**, Miss H. R., aged 28 (subject to dysmenia), took 2 grains of 3d trit. in some water, at 10 P.M.; **2** *a*, same prover took 4 grains of 3d trit., eight days later; **3**, Dr. Burleigh Smart, Amer. J. Med. Sc., 15, p. 365, effects of continued "full doses" in patients.

Mind.—Feeling of sadness and some disposition to tears, caused by an impression that he was soon to die and leave his friends; disposition to take a sad view of the beauties of autumn; the apprehension of approaching sickness and death can be overcome by reason, but soon returns (in the afternoon, third day),[1].—Irritable and easily vexed (second day),[2].

Head.—Vertigo, coldness, and numbness, with a sensation of gastric sinking, sometimes universal tremors, as in an ague fit,[3].

Nose.—Desire to sneeze, very soon,[1].—Much sneezing during the forenoon, and mucous discharge from the nose (second day),[1].

Mouth.—Ptyalism, with redness, swelling, and tenderness of the gums, and aphthæ of the mouth and fauces,[3].

Throat.—For three days the throat feels dry and sore on waking, but soon after expectoration came on with relief,[1].—Wakes early, with a sensation as though the pharynx was raw and the tonsils swollen; relieved after rising by expectoration of creamlike mucus (second day),[1].

Stomach.—Slight nausea for a few minutes, while dressing in the morning (second day),[2].—[**10.**] Sensation of gastric sinking,[3].

Sexual Organs.—Male. Almost involuntary coition in a half waking state, with imperfect erection; too early emission and little pleasure (first night),[1].—Emission of semen, with indistinct amorous dreams (second and third nights),[1].—***Female.*** Leucorrhœa, all day; is subject to it only just after menses (second day),[2].—Menses came on four days too late (after eleven days); the usual pain commenced at the proper date, but the flow did not begin as usual with the pain; bearing-down pains much less than usual (curative?),[2a].

Heart and Pulse. Lessens the action of the heart, diminishes the number of its beats in a minute, and softening and lessening the volume of the pulse,[3].—A full dose of this substance will often reduce the number of pulsations in a well person ten beats in a minute, in a few minutes after being taken,[3].

Superior Extremities.—Pain in the shoulder-joints on motion, in the morning, on rising (second day),[2].—Fingers slightly swollen about the joints, in the morning on rising (second day),[2].—Lameness of the fingers and wrist-joints of both hands, left rather worse, in the morning on rising (second day),[2].

Inferior Extremities.—Pain and lameness in right hip-joint, early in the morning, going off in the afternoon; only felt when walking (second day); felt for three or four days, at times worse in the forenoon,[1].

—[20.] Pain through the hips, lower part of the back, and bowels, like the pain she feels during the menses; same bearing-down or dragging-down feeling; left hip more than the right; feels irritable and easily vexed (is subject to these feelings during the menses, but they are not now present); after a ride in a carriage in the afternoon (second day),[2].—Severe pain in the knees, on stooping, in the afternoon (second day),[2].

General Symptoms.—Sometimes universal tremors, as in an ague fit,[3].—Numbness,[3].—(Morning) pains all disappeared about 2 P.M. (second day),[2]

Fever.—Coldness,[3].

Conditions.—**Aggravation.**—(*Morning*), On waking, throat dry, etc.; on waking, pharynx raw, etc.; while dressing, nausea; on rising, pain when moving shoulder-joints; on rising, lameness of fingers, etc.—(*Forenoon*), Only when walking, pain, etc., in hip-joint.—(*Afternoon*), On stooping, pain in knees.

KALI IODATUM.†

Potassium iodide.

Preparation, Triturations.

Authorities. **1**, Symptoms from Hartlaub and Trinks, Mat. Med., 3, 37; **2**, Houat, "Pathogenesis nouvelles Données de Mat. Med.," etc.; **3**, effects of salve, consisting of 1 drachm to ½ ounce of fat, rubbed on a small goitre for a long time, in a girl 10 years old; **4**, Dessaiques, a young woman took 1½ drachms in solution, J. de Chim. Med., 1828; **5**, Bost. Med. and Surg. Journ., 1838, effects of an overdose; **6**, Horst, Hufel. Journ., 1843 (Frank's Mag., 2, 763), a man aged 40, "with constriction and induration of bowels," experienced symptoms in a few minutes after every spoonful of a solution of ½ drachm in 6 ounces of water; **7**, Dr. J. Adair Lawrie, effects of 7½ grains in three doses (could take no more) in secondary syphilis, Lond. Med. Gaz., July, 1840; **8**, Bain, effect of long-continued use, Bost. Med. and Surg. J., 11, p. 320; **9**, Dr. Carson, effects of 3 grains three times a day, Lond. Med. Gaz., 1840; **10**, characteristic effects in syphilitic patients, Ricord, Bull. de Ther., Sept. 1843; **11**, characteristic effects in patients, Laroche, Ann. de Therap., 1844; **12**, effects of four or five doses of a solution of 12 grains in half pint of sarsaparilla, in chronic articular rheumatism, Dr. Lord, Bost. M. and S. Journ., 1847; **13**, effects of six weeks' use of drug administered for hypertrophy of cervix uteri, in a nursing woman, Dr. Cullier, Br. and Fr. Med.-Chir. Rev., 1848; **14**, characteristic action in syphilitic patients, Drs. de Lowry and Costilhes, Gaz. Med. de Paris, 1848; **15**, same reference, fatal effect of doses gradually increasing from ¾ to 15 grains, Dr. Biechy; **16**, effects "in usu morbis," Dr. Flagg, Charleston Med. J., 1848; **17**, effects in chronic rheumatism, Dr. O'Reilly, N. Y. Journ. of Med., 1854; **17** *a*, same reference, effects in chronic rheumatism (patient had formerly suffered from syphilis treated with *mercury*); **18**, effects of 8 grains, three times a day, in rheumatism, Dr. Phillips, Bost. M. and S. J., 1853; **19**, general effects, Wood, N. Am. J. of Hom., 1856; **20**, effects of 10 grains, two or three times a day,

† Symptoms taken from patients have been selected with care, and only when clearly the effect of the drug. Cases have been selected with a view of furnishing a complete account of the action of the drug; many cases that added nothing new and only increased the bulk of the matter, have been omitted here as elsewhere.

for 10 years, Dr. Parker, Edin. Month. Med. J., 1852, from B. J. of Hom., 11, 681; **21,** effects of large continued doses in "venereal taint," same as last; **22,** effects of 6th dilution in water, night and morning, Robinson, B. J. of Hom., 25, p. 324; **23,** effects of ½-grain doses, every two or three hours, in acute hydrocephalus, Dr. Fluder, Bost. M. and S. J., 27, p. 216; **24,** experiment on Mr. Rosenthal, with 4 grains to 1 drachm daily, Prof. Schneider, Wien. Med. Halle, 1862 (from Syd. Soc. Yr. Book, 1862); **25,** effects of 10 and 12 grains in a case of gastralgia, Dr. Mecklenburg, N. Z. F. H. Kl., 12, p. 8; **26,** effects of four doses, of 9 grains each, in lumbago, otherwise in good health, Dr. Orth, Nass. Med. Jhrb., 15–16, p. 747 (Syd. Soc. Yr. Book, 1861); **27,** effects of a spoonful, morning and evening, for a week, of a solution of 2 scruples in 4 ounces of water, A. H. Z., 45, p. 64; **28,** effects of a spoonful, morning and evening, of a solution of 4 grains to 4 ounces, in a girl with goitre, from same as last; **29,** effects of using Kali iodatum, triturated with the salt used for seasoning food, in proportion of 1 to 1000, for patients with goitre, two ladies over 60, and a gentleman of 45, Rilliet, l'Art. Med. and U. S. J. of Hom., 1860; **29** *a,* same man as last passed several weeks at the seashore, had return of former symptoms, and developed others; **30,** a lady at seashore suffered from Iod. in air or in the salt, same source as last; **31,** effects in young woman with chronic rheumatism, Dr. Cartwright, M. Hom. Rev., 12, 411; **32,** same, effects in young lady with amenorrhœa; **33,** same, effects in a man; **34,** a woman with pelvic abscess was twice obliged to suspend the drug on account of "Iodism," Dr. Ferrand then applied a shirt dipped in a solution and dried, changed after three days, producing symptoms, Ed. Med. J., 1869, p. 468 (from Bull. Gen. de Therap.); **35,** effects of drug (with other alkalies) in a man with light-colored stools (5 grains three times a day), Lancet, 1867, Dr. J. B. Curzeman (when the Iodide was omitted and the other alkalies continued the bad effects disappeared); **36,** effects of a single dose in the daughter of the previous lady; **37,** effects of 3 grains, three times a day, for enlarged testis, Dr. Roods, Lancet, 1860, p. 479; **38,** same, effects on another, similar case; **39,** same, effects in ovarian dropsy; **40,** same, effects of 1-grain doses in a daughter of last; **41,** same, effects of a 5-grain dose in facial neuralgia (which it removed); **42,** same, effects on self for a rheumatic affection of acromio-clavicular joint, 3- to 5-grain doses; **43,** same, general effects; **44,** general effects, Tilbury Fox, Lancet, 1867, p. 455; **45,** effects in a patient, Dr. Hodges, Lancet, 1865; **46,** same, effects in amenorrhœa; **47,** proving with 15½ grains daily, Rabuteau, Practitioner, 1869, p. 188 (from Centralblatt); **48,** general effects, Dr. Casey, Bost. M. and S. J., 32, p. 41; **49,** *omitted;* **50,** effects of 28 centigrammes daily, six times, in a lady for sleepiness and anorexia, Dr. Maunoir, from Rilliet, Memoire sur l'Iodism, 1860; **51,** Gautier, from Rilliet, poisoning of a man by 6 or 7 centigrammes, in less than five days, taken for goitre; **52,** D'Espine, from Rilliet, effects of 12½ centigrammes, in sixteen days, for goitre; **53,** Rilliet, effects of 60 centigrammes, in four months, in a lady with goitre; **54,** same, effects of 90 pills, each containing 2 milligrammes, in a woman; **55,** same, tox. of a man aged 45, by sea-salt (20 centigrammes of Kali iodatum); **56,** same, tox. of woman aged 55, by three weeks' use of "Challes" water (containing Kali iodatum 1 centigramme to 1 litre); **57,** effects of large doses in case supposed to have old syphilitic taint, Dr. Lomon, Gaz. Med. de Paris, 1875; **58,** proving with one dose of 15 grains, Dr. Colby, by Dr. J. Heber Smith, N. E. Med. Gaz., 1872, p. 25.

Mind.—Emotional. Half mad all night (after first dose),[37].—

Troublesome and unreasonable mental impressions, easily strengthened into fixed ideas,[55].—She is very talkative and quarrelsome (after twelve days),[1].—Weeping from the slightest cause,[54].—**Sadness*,[55].—Inclined to sadness and weeping,[51].—Depression,[55].—**Anxiety*,[6].—Very easily frightened,[2].—[**10.**] She is frightened at every trifle (after five days),[1].—Very apprehensive and lachrymose, as if some evil were impending, in the evening, lasting two hours,[1].—He dreads the return of dawn, and the most trivial details of daily life seem insupportable to him,[55].—Very great irritability, and unwonted harshness of demeanor,[54].—Previously an affectionate father, his children instead of diverting his mind from care, now became simply burdensome to him; he had to force himself by a strong effort to attend to them, and his irritable temper was shown towards them especially; this was the more remarkable, as being quite opposed to his ordinary disposition, for he had always been a fine example of the "mens sana in corpore sano,"[55].—Very passionate and spiteful temper,[2].—Very peevish and excited; everything goes wrong, and she is ready to quarrel with every one (after seventeen days),[1].—Feelings easily disturbed, as if something was always happening to trouble her,[54].—Morbid sensitiveness; easily and frequently moved to tears,[55].—Stubborn obstinacy,[2].—***Intellectual.*** [**20.**] Intellectual weakness, and paroxysms of dementia, accompanied by severe headache,[2].—Mind incoherent,[17a].—Inability to think connectedly or to follow a train of reasoning,[2].—Loss of memory,[2].

Head.—Vertigo. Vertigo,[6].—Vertigo, especially mornings or evenings or after meals,[2].—Vertigo, with reeling,[2].—Vertigo, with confusion of the head,[2].—Vertigo and dulness, frequently with stomachache, and pains in the kidneys and bowels,[2].—Violent vertigo (after one hour),[4].—[**30.**] Sensation of intoxication; he cannot keep his head from falling on his breast,[2].—***General Head.*** Congestion of the head,[6].—Congestion to the head, with symptoms threatening apoplexy, especially after meals,[2].—Cerebral excitement, evinced by mild intoxication, and sometimes cerebral congestion,[16].—A degree of cerebral excitement has occasionally shown itself; symptoms of slight congestion, which have given rise to a condition analogous to that of the intoxication produced by alcoholic drinks,[10].—Sense of weakness in the head, with drowsiness and inability to collect his thoughts,[2].—Dulness and heaviness of the head,[1].—Heaviness of the head (second day),[14].—Heaviness of the whole head after dinner, making her very fretful (after six days),[1].—The head is very heavy on stooping (after thirteen days),[1].—[**40.**] Head very uncomfortable (after a few doses),[39].—Sensation of fulness in the brain, as if it were full of fluids, with frequent and copious discharge of mucus from the nose, which seems to relieve the head,[2].—Sensation as if a great quantity of water was forced into the brain, with heaviness of the head, and drowsiness without being able to sleep,[2].—Headache,[12]; (after one hour),[4].—Headache, with inclination to vomit, and sensation as if a nail had been driven into each temple,[2].—Headache, as if from metastasis, with delirium, weakness of mind, loss of memory, and paroxysms of fright and dementia,[2].—Constant headache,[5].—Severe headache,[5].—Intense headache,[49]; (three hours after third dose),[26]; (after fourth dose),[9]; (first and third days),[15].—Violent headache, with heaviness, at 5 A.M.; she does not know how she can lay her head on account of it; it disappears after rising (third day),[1].—[**50.**] Pressure and drawings in the head,[2].—Sensation of pressure, inflation, and distension in the brain,[2].—Pressive and lancinating headache, aggravated in the evening, by heat, wind, and cold air, but somewhat relieved by motion,[2].—Lancinating and

pungent pains in the head, with sensation as if an insect was crawling under the scalp,[2].—A sharp painful stitch above the left frontal eminence,[1].—Throbbing pains in the head,[2].—Disposition to incline the head to the left side,[2].—He has to keep rocking his head from side to side in order to relieve the pains,[2].—***Forehead.*** Burning in the frontal region, eyes, nose, and mouth, with intolerably anxious burning in the throat, extending and very distressing down behind the sternum to the ensiform cartilage (after three hours),[25].—Heaviness in the forehead and vertex, which are also very sensitive to touch, in the evening, and lasting the whole night (after six days),[1].—[60.] Heaviness, as from a weight in the left side of the forehead, in the morning after rising (after fourteen days),[1].—Feeling of heaviness in the forehead in the afternoon (seventeenth day),[1].—Sense of weight and pain over the frontal sinuses (fourth day),[34].—Dull stitches in the forehead on stooping,[1].—*Tearing or jerking stitches* above the left eye, in the frontal sinus, lasting a long time,[1].—Violent tearing and sticking in the right side of the forehead, removed for a short time by pressure, in the evening,[1].—***Temples.*** Feeling of heaviness in the right temple (after twelve days),[1].—Extremely violent sticking and tearing in the left temple at 6 P.M.,[1].—Painful throbbing in the left temple in the evening,[1].—***Vertex.*** **Pain in the upper part of the head, as if it would be forced asunder; that part of the head is hot to touch,* though he is generally chilly, and relieved by external warmth, frequently recurring for several days (after twenty-eight days),[1].—[70.] Tension and sticking in the top of the head, and tearing in the left temple, extending into the nape of the neck (after thirteen days),[1].—Frequent pinching here and there in the upper part of the head,[1].—Some sharp stitches on the top of the head, in front of the vertex, in the evening (thirteenth day),[1].—***Parietals.*** Heaviness in both sides of the head in the morning (thirteenth day),[1].—Painful screwing together in the head from both sides, disappearing in the open air, in the morning (ninth day),[1].—Pain as from a screwing together in the upper part of the right side of the head, in a small spot, gradually spreading from that place (eighteenth day),[1].—Violent pain on left side of head, like a digging in the brain,[1].—Violent stitches extending from the left upper jaw to the parietal bone in the morning in bed (eighth day),[1].—Sharp stitches in the upper part of the right parietal bone (after fifteen days),[1].—Sensation as from blows on the sides of the head,[2].—***Occiput.*** [80.] Pressive heaviness in the occiput towards evening (after five days),[1].—Tension in the occiput, as if in the bones, with painful stitches (after sixteen days),[1].—***External Head.*** Great disposition of the hair to change its color and fall out,[2].—Small ulcers, which seem to corrode the flesh beneath the right parietal protuberance and on the sinciput,[2].—Sensation of tension, followed by small fissures in the scalp, especially near the nape of the neck,[2].—Sensation as if the scalp were forcibly scraped,[2].—**The scalp is painful on scratching, as if ulcerated* (after eleven days),[1].

Eye.—Objective. Fixed look,[55].—Ferrety eyes (second morning),[37].—Dark rings around the eyes,[52].—[90.] Dark circles under the eyes,[54].—Eyes swollen, red, and painful, with great lachrymation and photophobia,[2].—Swelling of the cornea, as from an internal tumor, which is pushing its way out,[2].—**Sunken eyes, surrounded by blue rings*,[56].—A condition of the eyes resembling catarrhal ophthalmia,[16].—Obscuration of the cornea, as if it was entirely covered by a cataract,[2].—Peculiar state of the eyes; pupils dilated, and both eyes were in a state of incessant motion; these motions strongly resembled those of a child who has congenital cataract, that is,

constant oscillation; he found himself quite unable to fix them on any object,[5].—Purulent mucus in the canthi,[1].—Discharge of purulent mucus from the eyes in the evening,[1].—***Subjective.*** Woke in the morning with an uneasy feeling of the left eye; the edge of the orbit at the external part tender on pressure; eyelids swollen and infiltrated on that side. The following morning, right side similarly affected; the tenderness was evidently seated in the periosteum of the orbit, and exclusively at the outer side. On the following day, a strange sensation was felt; it appeared like a pain extending in a direct line from the external border of one orbit to that of the other at the same spot; the sensation was very peculiar and difficult to describe; it was pain and something more,[42].—[100.] After an hour he awoke with violently increased pains in the eye, with profuse lachrymation and burning in the nose and throat,[25].—Burning of the eyes and redness of the lids, with lachrymation of the right eye,[1].—Burning in the eyes, in which purulent mucus is secreted, in the evening (fourth day),[1].—Violent burning of both eyes in the afternoon (fourth day),[1].—Pressure and burning in the eyes as if proceeding from the forehead,[2].—Cutting pain in the right external canthus in the evening (second day),[1].—Sensation as if something was sticking in the eyes,[2].—Biting in the right eye, disappearing on scratching but recurring in the evening (after four days),[1].—***Orbit.*** Painful drawing in the right upper orbital margin, frequently repeated (second day),[1].—Some fine painful tearings beneath the left eye (second day),[1].—[110.] Gnawing on the right lower orbital margin (twelfth day),[1].—***Lids.*** Bright red spots on the lower eyelid, as from the stings of insects,[2].—Swelling of eyelids,[49].—Great swelling of the upper lids, especially in the tarsal regions, which were bluish-red (after three hours),[25].—Eyelids swollen, red, and ulcerated,[2].—Painless twitching of the lower lids, frequently recurring and impairing vision,[1].—Terrific burning in the lids, so that she cannot endure any light in the evening (first day),[1].—Some fine stitches in the left lower lid (after twelve days),[1].—***Lachrymal Apparatus.*** Lachrymation (fourth day),[34].—The right eye is watery the whole day (after three days),[1].—***Conjunctiva.*** [120.] Affections of the conjunctiva, fauces, and nasal cavities and larynx, together with the integuments,[43].—The conjunctiva may be affected alone, or else together with the mucous membrane of the nasal fossæ or of the bronchia,[10].—**Injection of the conjunctivæ* (three hours after third dose),[26].—Intense injection of the conjunctivæ and lachrymation,[24].—**The conjunctiva of one or both eyes is often seen to be affected; the attack commences by a more or less general and more or less rapid vascular injection, to which is speedily added a tumefaction of the mucous membrane, and an infiltration, generally well marked, of the submucous cellular tissue, which give rise to considerable chemosis of the eye and œdema of the eyelids,*[10]. —Conjunctiva sometimes influenced; both conjunctivæ may become inflamed, characterized by great vascularity and chemosis; (it principally occurred during the first days after doses of 1 to 2 grammes),[14].—I have been twice disposed to attribute to it the occurrence of a slight conjunctivitis,[48].—***Ball.*** Strabismus,[2].—Sensation as if the eyes would start from their sockets and fall out,[2].—***Pupil.*** Pupils much dilated,[2].—***Vision.*** [130.] Very weak sight,[2].—Cannot read without greatly fatiguing the eyes,[2]. —**Vision dim and foggy; she sees objects only indistinctly* (after four and fourteen days),[1].—Sight disturbed (fourth day),[15].—The eyes were painfully sensitive to light, and the field of vision was obscured by disagreeable undulations,[24].—Found the patient with a shade on; she had caught cold in the eyes, and could not bear the light (second day); the Iodide was dis-

continued, and the eyes were well in twenty-four hours,[40].—All the eye symptoms are aggravated by cold air,[2].

Ear.—Otorrhœa of yellow matter often mixed with blood,[2].—A feeling as though something had fallen in front of the ears, or as if a leaf were lying in front of them; still she heard well,[1].—It seems as though something had fallen in front of the ear, with tearing in the ears,[1].—[140.] Distensive pain and digging in the ears, as if an insect had got into them,[2].—Painful boring in the right ear,[1].—A violent pain in the left ear, as if one were boring about in it (after sixteen days),[1].—Cutting pains in the internal ear,[2].—Lancinating and tickling pains in the ears, with desire to cough,[2].—Transient sticking extending into the left ear, making her start (second day),[1].—Violent sticking in the right ear, frequently during the day (after five days),[1].—An extremely violent stitch in the left ear extending into the head, in the evening in bed (third day),[1].—Tearing, now in the right, now in the left ear, for a long time,[1].—Frequently-repeated tearings in the right ear, which becomes very sensitive on account of them, in the evening (after four days),[1].—[150.] Painful tearing deep in the right ear, in the forenoon (second day),[1].—Violent tearing in front of the right ear, extending into the temple, so that the whole side becomes painful on account of it (second day),[1].—Some violent tearings in front of the left ear, extending into the temple, in the bones (second day),[1].—A painful gnawing within and behind the left ear,[1].—Itching in the left ear,[1].—***Hearing.*** Hardness of hearing,[2].—Hearing almost gone (fourth day),[15].—Ringing in the ears,[24].—Buzzing and ringing in head,[49]; (three hours after third dose),[26].—Vibration and roaring in the ears,[2].

Nose.—Objective. [160.] Ineffectual efforts to sneeze,[1].—Sneezing (first day),[35].—Frequent sneezing with running of clear water from the nose (third day),[1].—Frequent sneezing with lachrymation,[2].—Running from the nose,[24].—Coryza (fourth day),[34].—Symptoms of severe coryza, and of bronchitis, with the exception of fever and muco-purulent expectoration,[16].—**Acute coryza; great redness of the mucous membrane of the eyes, nose, throat, and palate, with profuse lachrymation, violent sneezing, and running of water from the nose,* frequent irritation to cough and swelling of the upper lids; this coryza lasted for a long time,[25].—Fluent coryza, the head being badly stuffed up,[2].—He can get scarcely any air through the nose on account of catarrh, in the morning after waking (after twenty-three days),[1].—[170.] (The catarrh previously existing disappeared), (after eight days),[1].—Found him in bed with his head wrapped up in a flannel nightcap; he had got a desperate cold, somehow, the day before, with which he woke up, but was getting better (second morning); he took no more Iodide, and was free from his desperate cold the next day,[38].—***Accumulation of very tenacious mucus in the nostrils,**[2].—Profuse discharge of thick yellow mucus from the nose,[1].—***Discharge from the nose of greenish-black or yellow matter, of a foul and sickening smell,**[2].—Burning water runs profusely from the nose and makes the skin sore,[1].—Nosebleed, whereby she lost more than half a pound of blood in two hours (second day),[1].—Violent nosebleed, which could not be stopped by anything (after eleven days),[1].—***Discharge from the nose of decomposed greenish-red blood,**[2].—***Subjective.*** Feeling in the upper part of the nose as though a leaf were lying in front of it, with burning (sixteenth day),[1].—[180.] Stoppage of the nose, from which only clear water runs,[1].—Burning in the nose and throat (after one hour),[25].—Burning in the nostrils with running of water from the nose, and at the same time stoppage of them (after eleven days),[1].—***Sensation of fulness in the**

nose, with beating pains in the nasal bones,[2].—Fine tearing in the upper part of the left nostril (after twelve days),[1].—**Gnawing sensation in the nasal bones, with lancinating and boring pains extending to the forehead,**[2].—***Throbbing and burning pains in the nasal and frontal bones, with swelling,**[2].—Loss of smell (after twelve days),[1].

Face.—Objective. Look characteristically quick and anxious,[52].—Remarkably earnest, wild, uncertain look,[51].—[190.] Remarkably sad and dejected expression of countenance,[51].—Looks sometimes excited, sometimes depressed,[54].—**Paleness of face* (after one hour),[4].—(Great paleness of the face, with the spasmodic attacks),[1].—**Face colorless* and transparent-looking, like a porcelain mask,[2].—Discolored complexion,[51].—Earthy-looking complexion,[52].—Bistre-colored complexion,[56].—Complexion rather yellow,[55].—Yellow, bilious complexion, with black circles around the eyes,[2].—[200.] Complexion more yellowish-green than dead white,[54].—Face yellow, greenish, dark, and much emaciated,[2].—Red, puffy, inflamed face; with a phlyctenoid eruption,[2].—Face very red (after three hours),[25].—Swelling of face,[49].—Swelling of the face, particularly of the eyelids, and of the submaxillary region (three hours after third dose),[26].—Inflammation and swelling of the facial bones,[2].—Emaciation of face and neck,[52].—Lengthened visage,[54].—***Subjective.*** Face very sensitive to air, which also aggravates all the symptoms of that part,[2].—[210.] An indescribable pain extending out from the left ear, and if she only moves the hand towards the ear without even touching it, it creeps over the whole side of the face, as though it were mesmerized; in the evening,[1].—***Cheeks.*** Wrinkled, flabby cheeks,[51].—Swelling of the left cheek for three days (after fourteen days),[1].—Such an uncomfortable sense of distension and stiffness about the cheeks and submaxillary spaces that it had to be discontinued,[36].—Fine, but painful sticking and like a jerking in the left cheek, lasting a long time; afterwards the spot remained sensitive to touch for a long time,[1].—Tearing and sticking in the left zygoma, in the morning in bed, when lying upon it (after four days),[1].—***Lips.*** The lips are full of glutinous mucus in the morning after waking (sixteenth day),[1].—The upper lip and nostrils are very sensitive, even when not touched (fourth day),[1].—The lips are dry and cracked (after fifteen days),[1].—Painful drawing in the right side of the upper lip and in the gum (second day),[1].—***Chin.*** [220.] Some uneasiness and stiffness in the jaws (second day); difficulty increased (second day); jaws immovable (third day),[18].—Sticking in the left lower jaw, in the tibia, in the left thigh and left forearm, in the bones, in the forenoon (after twelve days),[1].—Tearing in the left lower jaw and corresponding teeth (twelfth day),[1].—Violent tearing in both sides of the lower jaw, as if it would be torn out (after fifteen days),[1].—Gnawing in both sides of the lower jaw,[1].

Mouth.—Teeth. A feeling as if the teeth were too long, with painfulness of them, in the evening,[1].—Grumbling in a left lower hollow back tooth (after thirteen days),[1].—Grumbling in a hollow tooth, when walking in the open air (sixth day),[1].—Toothache, with swelling of the cheek,[2].—Painful griping in a left lower hollow back tooth, in the evening (first day),[1].—[230.] Painful drawing in a left lower back tooth,[1].—Tearing in the left upper row of teeth (fourth day),[1].—Painful tearing in the right upper back teeth and in the margin of the right orbit (twelfth day),[1].—Feeling of tearing in both lower rows of teeth, and a feeling as if a weight hung from the lower jaw, in the evening (first day),[1].—Violent ulcerative pain in the teeth, beginning in the evening and continuing the whole night, and even the next morning (after five days),[1].—Gnawing in the right upper

teeth, afterwards in the left ear, and at last in the tendons of the hollow of the left knee, in the forenoon (second day),[1].—Violent jerking or shooting in the right eyetooth, scarcely to be endured, frequently lasting for an hour, but worse in the evening after lying down till midnight, and from 4 to 5 A.M.; aggravated by cold, relieved by warmth; at times the pain is so great that it seems as though the tooth would break off, or as if a worm were digging in it (after twenty-five days),[1].—***Gums.*** Tumefaction of the gums,[16].—The gum is swollen and painful (after twenty-five days),[1].—Swelling of the gum about a hollow tooth (after fifteen days),[1].—[240.] Painful stitches in the gum, frequently during the day (after eighteen days),[1].—Slight, though strongly marked, soreness of the *gums*, with headache and nausea,[12].—Ulcerative pain in the gum of the right lower row of teeth (after eighteen days),[1].—The gum of the right side is painful as if ulcerated and swollen, for several days (after eight days),[1].—***Tongue.*** Tongue swollen,[17].—Hypertrophy of the tongue, which was tender and covered with lobes or nodes and fissured by deep cracks,[20].—Tongue in some places hard and lobulated, in others fissured by deep cracks,[21].—**A blister on the tip of the tongue, with burning pain* (after sixteen days),[1].—Burning in a small spot in the left margin of the tongue (after seven days),[1].—**Burning on the tip of the tongue as from a vesicle* (after seventeen days),[1].—[250.] At night, after retiring, but before going to sleep, had a terrible spasmodic pain at root of the tongue, extending to both sides of the throat; for about fifteen or twenty minutes the pain was excruciating, causing a fear that death was impending; there was a sensation as if a spasm would close the pharynx,[58].—***General Mouth.***—**Very offensive odor from the mouth*, which makes even herself nauseated (after fifteen days),[1].—Horrible odor from the mouth, almost as after onions, in the morning after rising (sixteenth day),[1].—Aphthæ in the mouth,[2].—**Dryness of the mouth*,[6].—Dryness in the mouth with thirst, during the chill in the evening (fourth day),[1].—Mouth dry and slightly fuliginous,[56].—Dry and bitter mouth and throat,[1].—Mucous lining of the mouth dry, on waking in the morning,[11].—Numbness of the mouth, in the morning after waking (after two and fifteen days),[1].—[260.] Burning heat in the mouth, as if she had eaten something hot (fourth day),[1].—Scraping all over the mouth, with sensation as after chewing tobacco,[2].—***Saliva.*** **Increase of saliva*,[50].—Increased secretion from the salivary and pituitary mucous membranes,[24].—Increased flow of saliva,[16].—Saliva dribbled from the mouth (in two cases),[23].—**Copious salivation*,[24].—*Abundant salivation* and desire to vomit, with drawing in the stomach, and headache as if a nail was sticking in each temple,[2].—The patient was profusely salivated,[17 17a].—The salivation very much resembles that of pregnant women; the saliva has very little viscidity; it seems to come not only from the cavity of the mouth, but to be also the product of a kind of regurgitation; the mucous membrane of the mouth may be rather irritated and œdematous, but there are not any signs of inflammation, as in mercurial stomatitis, nor is there observed any tendency to the ulceration peculiar to the latter; in the majority of cases it is impossible even to discover any appreciable alteration of tissue; the salivary glands are not the seat of any tumefaction, nor is there any peculiar odor from the breath; patient complains that the saliva has a saltish taste, resembling that of the Ioduret of Potass.,[10].—[270.] Bloody saliva, with disgusting taste in the mouth (after three days),[1].—Flow of mucus and saliva from the mouth, without alteration of the gums or mucous membrane (third hour, after third dose),[26].—Collection of water in the mouth, with nausea in the stomach,[1].—Salivation

rare in women (only one case),[14].—***Taste.*** Dreadful taste in the mouth (ninth and tenth days),[1].—Rancid taste in the mouth always after eating and drinking (after four days),[1].—Astringent metallic taste, excessively disagreeable, for some days; this can usually be got rid of by cleaning the teeth and gargling the mouth with fresh water,[11].—Bitter taste,[11].—Bitter or sour taste in mouth,[2].—Great bitterness in the mouth, and still more in the throat, disappearing after breakfast (second day),[1].—[280.] Sweetish bitter taste in the mouth after waking (second day),[1].—Saline taste in the mouth, subsequently giving place to that of Iodine,[16].—Taste of tobacco in the mouth,[2].—Food has no taste, or a taste like straw (after thirteen days),[1].

Throat.—Objective. Inflammation and swelling of the whole throat, and even of the neck,[2].—Yellowish-gray spots and ulcers in the throat,[2].—***Subjective.*** Dryness and frequent cramp in the throat, with apprehensiveness,[3].—**A feeling of dryness and itching was experienced in the throat, with burning at the epigastrium, copious salivation, running from the nose, intense injection of the conjunctivæ, and lachrymation,*[24].—Disagreeable dryness and irritation in his throat (third day),[7].—Burning and rawness in the throat, as from heartburn (thirteenth day),[1].—[290.] Feeling of constriction in the throat,[6].—Choking in the throat, as if something were sticking in it; on hawking, a piece of thick mucus was raised, and the choking ceased (after six days),[1].—Dull stitches and ulcerative pain in the left side of the throat, only when swallowing, worse in the evening,[1].—Sore throat; sticking and a feeling of pressure in it on swallowing; even on reading she experiences pain (twenty-first and twenty-second days),[1].—Scraping sensation in the throat, with sanguineous congestion,[2].—Rawness and scraping in the throat,[1].—Rawness and dryness in the throat, with frequent hacking cough, in the morning in bed (third day),[1].—Sense of occlusion of the posterior nares (fourth day),[34].—Burning and uneasy sensation in the œsophagus and stomach,[18].—The act of swallowing was painful and difficult, and there were redness and swelling of the soft palate and tonsils (particularly the right),[24].—***External Throat.*** [300.] **The glands in the neck enlarged,*[31].—The glands in the neck suddenly enlarged, and to a degree highly disfiguring; at least two months elapsed before the swellings showed the slightest symptom of subsidence (after three weeks),[32].—**Swelling of the whole thyroid gland, increasing very rapidly, with some sensitiveness to touch, and pressure* (after eight days),[27].—A small swelling became after three years a large bronchocele, a ponderous tumor,[33].—**Swelling on the neck like goitre,*[2].—(Sensitiveness of the goitre to touch),[1].—The goitre seems smaller and softer for a short time,[1].—Swelling of the cervical and maxillary glands,[2].—Swelling of submaxillary region,[49].—Swelling of the parotids, with lancinating, crampy, distensive pains in the entire jaw,[2].—[310.] Bellows-murmur in the carotids,[54].—Muscular pain, extending over the whole region of the neck (fourth day),[34].

Stomach.—Appetite. Improvement of the appetite,[24].—Appetite usually increased; it is remarkable how soon after taking Iodine the desire for food arises (first day); diminishing or disappearing (second day),[14].—Great hunger, but he can scarcely eat on account of bad digestion, nausea, and vomiting,[2].—Bulimy,[52].—Desire for milk, wine, and spirits,[2].—Loss of appetite,[27].—Total want of appetite; or rather she was convinced she could not eat,[56].—Anorexia,[24 53].—[320.] Aversion to all food,[2]; (after seventeen days),[1].—Aversion to broth,[1].—***Thirst.*** **Thirst,*[24]; several evenings in succession (after five days),[1].—Constant thirst (after fourth dose),[9].—Great

thirst the whole day and even at night (after three and fifteen days),[1].—***Eructation and Hiccough.*** Eructations, with taste of food long after eating,[2].—Frequent gulping eructations of a large quantity of air,[1].—Frequent regurgitations of bitter matter, with desire to vomit,[2].—Raising of phlegm morning and evening, and often after meals,[2].—Hiccough, in the evening (after four days),[1].—[**330.**] Very frequent, empty, hiccough-like eructations,[1].—Constant inclination to waterbrash, without its really occurring,[1].—***Nausea and Vomiting.*** **Nausea* (immediately),[4].—Nausea in the stomach, even vomiting,[1].—Nausea, with pressure in the stomach,[1].—Nausea, with great straining, and tearing sensation in the chest,[2].—Frequent nausea,[2].—Constant nausea, accompanied with frequent vomiting and smart fever (fourth day),[34].—Slight nausea,[12].—Retching (three hours after third dose),[26].—[**340.**] Inclination to vomit after an embrace,[2].—* *Vomiting*,[27].—Vomiting and purging at the same time (after fourth dose),[9].—Copious and painful vomiting, frequently after meals, with drawing in the stomach extending to the back, and colic,[2].—* *Violent vomiting, with accumulation of saliva* (after one hour),[25].—Spontaneous vomiting of a yellow fluid, tasting strongly of Iodine (after one hour),[4].—Vomiting of food and bile mixed with blood,[2].—Frequent and painful vomiting of food, bile, and blood,[2].—Vomiting of blood, preceded by heat and burning in the stomach,[2].—***Stomach.*** Indigestion,[5].—[**350.**] Digestion constantly deranged,[2].—The stomach feels empty and hungry, being unable either to retain or digest anything,[2].—Pain in the stomach like an emptiness and coldness, not relieved by warm soup, in the evening (sixteenth day),[1].—Feeling of great emptiness and qualmishness in the stomach, not relieved after eating (after twenty-one days),[1].—Sensation as if the stomach were full of bile,[2].—Constant "cracking and crying" in the stomach (seventeenth and eighteenth days),[1].—Discomfort in the stomach,[1].—After the pains in the abdomen have lasted for some time, the stomach also begins to pain, and both then together disappear,[1].—Pain in the cardiac portion of the stomach (after large doses),[16].—Slight pain and heaviness in the stomach (first day); the pain, however, is not always present; diminishing or disappearing (second day),[14].—[**360.**] Sudden attack of severe gastralgia, lasting several months,[50].—Burning at the epigastrium,[24].—Burning sensation and very acute pain at the epigastrium (immediately),[4].—Burning in stomach during digestion,[52].—Burning in the stomach, as if there was a charcoal furnace in it,[2].—Burning and pressure in the stomach, relieved by eructations, but immediately returning,[1].—Burning pains in the stomach, with throbbing and contraction,[2].—Terrible burning externally in the pit of the stomach, as if the place were inflamed,[1].—Pains, as if the stomach was perforated,[2].—Sensation as if from corrosive ulcers in the stomach,[2].—[**370.**] Painful beating in the left side of the epigastric region, in the evening,[1].

Abdomen.—Hypochondria. Pains extending from the liver into the stomach and chest, and giving rise to frequent suffocative paroxysms,[2].—Violent burning externally in the left hypochondrium, and afterwards in both groins (after six days),[1].—Sensation of swelling and distension in the hepatic region, with throbbing and cramplike pains,[2].—Sensation of fulness and heaviness of the spleen,[2].—Painful constriction in left hypochondrium, on a line with the cardiac orifice of the stomach (soon after); this sensation was felt after each daily dose of a spoonful, for five days,[51].—Stitches in the left hypochondriac region,[1].—Sharp stitch in the right hypochondrium, and at the same time in the left side of the chest, on talk-

ing (twelfth day),[1].—***Umbilical and Sides.*** Distension about the umbilicus and movings in the abdomen, followed by two soft stools (sixteenth day),[1].—Great painful distension beneath the umbilicus, disappearing after a stool,[1].—[380.] Gripings and movings about the umbilicus,[1].—Griping and burning about the umbilicus (after eighteen days),[1].—Cutting and burning about the umbilicus, with qualmishness in the stomach and inclination to eructate, which afterwards even occurs; violent itching externally about the umbilicus, and inclination to emission of flatulence; in frequent attacks, lasting a quarter of an hour, in the afternoon (after seventeen days),[1].—Cutting pain in the left side near the umbilicus (second day),[1].—Stitches in the left side of the abdomen at the side of the umbilicus (fourteenth day),[1].—Violent tearing, extending from both sides of the abdomen towards the umbilicus, as if the flesh would be torn off, in the afternoon (fourth day),[1].—***General Abdomen.*** Swelling of the abdomen as in ascites, with emaciation, constipation, constant thirst, and scanty, turbid, red, and brown urine,[2].—**Sudden distension of the abdomen as if it would burst, disappearing after emission of flatus,* afterwards diarrhœa twice, in the morning after waking (seventh day),[1].—Inflammatory inflation of the abdomen, with inactivity of the bowels and great constipation,[2].—Inflammation of the bowels, with burning, crampy, and tearing pains extending to the loins,[2].—[390.] Much incarcerated flatulence,[2].—Moving as of flatus in the abdomen, followed by tension in both groins (after four days),[1].—Moving about and rumbling in the abdomen from time to time,[1].—Rumbling in the abdomen as though something alive were moving in it, so that she started up (sixth day),[1].—Loud gurgling in the abdomen, especially in the stomach, audible at a distance (after sixteen days),[1].—Great emission of flatus,[1].—Respiration is strongly felt in the bowels,[2].—Indescribable uneasiness in bowels, especially at night, without anorexia or dyspepsia,[55].—Griping in the abdomen and groins, with a feeling as if something would come out through the pudenda (second day),[1].—Pain as if the bowels were perforated,[2].—[400.] Great pressure in the abdomen and loins,[2].—Cutting and tearing from above downwards in the abdomen,[2].—Lancinations in the abdomen, with sensation as if it were distended and torn,[2].—Colic (second day),[14].—Colic and lancinating pains in the abdomen, extending down to the legs,[2].—Burning colic, passing from the abdomen to the loins,[2].—Flatulent colic, with spasms and contractions of the abdomen; he is obliged to twist about in every direction, so severe is the pain,[2].—Irritation of the bowels,[43].—The pains in the abdomen and stomach disappear in the evening after lying down, but return in the morning after waking,[1].—In the open air there is no trace of the pain in the abdomen, but immediately on going into the house the cutting-burning pains return, for several days (after sixteen days),[1].—***Hypogastrium and Iliac Regions.*** [410.] Feeling of heat in the lower abdominal region; she could keep nothing warm upon it, during menstruation,[1].—Pinching on the right side of the lower abdomen, extending up above both groins,[1].—Pressure and dragging pain in the lower abdomen, as if in the uterus, while walking, disappearing while sitting,[1].—Sudden burning as from a glowing coal in the left groin (sixth day),[1].—Drawing in the left inguinal region, with a feeling as though something living were in it,[1].—A sudden extremely painful dragging in both groins, so that she was obliged to bend together, after taking the usual cold milk in the morning; frequent yawning, great weariness in the thighs, violent griping in the abdomen extending to the thighs, extreme restlessness, so that she could not remain in any position, chilli-

ness, with gooseflesh; anxiety and warmth in the head; followed by eructations and rumbling in the abdomen. The menstruation which had just commenced, partly stopped; afterwards nausea and pressure in the stomach, with inclination to vomit, aggravated by moving about; shivering in the face and hands, with heat and perspiration of the face (after fourteen days),[1].—A cutting and extremely painful stitch in a small spot in the right groin,[1].—Pressive bruised pain in both groins and in the small of the back, during menstruation,[1].

Rectum and Anus.—Inflammation and swelling of the rectum and anus,[2].—Hæmorrhoids, with very painful pimples at the anus,[2].—[420.] Great itching at the anus, especially at night,[2].

Stool.—Diarrhœa. Diarrhœa (second day),[14].—Serous diarrhœa, unattended by febrile action,[16].—Diarrhœic stools mixed with glairy matter, bile, and blood, with anorexia, great weakness, emaciation, and strong and painful beating of the heart,[2].—Purging and vomiting at the same time (after four doses); purging lasted several days, notwithstanding the exhibition of demulcents and opiates,[9].—Red, dark, semiliquid stools, as if caused by intestinal hæmorrhage,[2].—**Light green and yellow watery stools*,[2]. —Slimy and bloody stools,[2].—Stools with constant tenesmus, and spells of weakness,[2].—Stool hard (fifth day),[1].—First hard, then soft stool, preceded by some colic (third day),[1].—***Constipation.*** [430.] *Constipation*,[50 54 55]. —Obstinate constipation followed by diarrhœic stools,[2].—Stool very hard; it is only with extreme exertion that she can pass a few small fæces (first day); after five days the stools became more natural and occurred more frequently,[1].—Stool omitted (second day),[1].

Urinary Organs.—Kidneys and Bladder. Burning and throbbing pains, as from an abscess, passing from the kidneys into the abdomen,[2].—Cramps in the kidneys, with yawning, nausea, vomiting, raising of phlegm, urging to urinate and desire to remain in bed,[2].—Digging in the kidneys, with heat and distensive pains,[2].—Lancinating and burning pains in the kidneys, ineffectual urging to urinate, and tenesmus,[2].—Nephritic colic, with inclination to ease the pain by clenching and grinding the teeth, digging and weakness in the spine, and complete retention of urine,[2].—Sensation of congestion and heaviness in the neck of the bladder, with priapism,[2].—[440.] Contraction of the neck of the bladder just as urination begins, and during its continuance,[2].—Irritable bladder,[43].—***Urethra.*** Muco-purulent discharge from the urethra, of a gummy consistency, with inflammation of the penis,[2].—Discharge resembling blennorrhagia, with tearing and burning pains in the penis, constant priapism, colic, and feeling of exhaustion,[2].—Burning and tearing pains in the urethra, frequently with emission of blood,[2].—***Micturition.*** Frequent urging to urinate,[2].—Painful urging to urinate (fifth day),[1].—(The urging to urinate which usually accompanied menstruation was wanting),[1].—She is obliged to rise at night to urinate (after four days),[1].—Frequent and profuse discharge of urine as clear as water (after three days),[1].—[450.] Greatly increased discharge of urine (sixteenth day),[1].—The emission of urine was materially increased, the patient passing from forty to fifty quarts in the course of twenty-four hours, drinking in the same proportion; each time the Ioduret of Potas. was suspended this accidental supersecretion ceased, but it was reproduced as soon as its use was resumed,[10].—The absolute quantity of urine discharged was not increased unless, owing to the dryness of the throat, more water was ingested,[47].—The bladder is full and swollen, but cannot be emptied,[2].—***Urine.*** Increased secretion of urine,[24].—Urinary secretion

is more abundant, that is, the patient passes more than he drinks (first day); this symptom is almost constant; the urine is clear and transparent; the patients urinate more by night than by day; sometimes, however, the urine is not increased,[14].—The most remarkable of its effects are a rapid and very considerable increase of the urine, and what is quite remarkable is, that gradually the uric acid sediments entirely disappear, while those of the ammonio-phosphate of magnesia decidedly increase,[19].—Profuse urine, with sediment,[2].—Excessive secretion of urine, sometimes with pain in the kidneys,[16].—Considerable diuresis (in three cases),[23].—[460.] *Clear, limpid urine,[2].—Bilious-looking urine, almost black,[2].—She frequently passes very pale and watery urine (after five days),[1].—Blood-streaked urine, and flow of blood from the urethra, especially in the evening,[2].—The urine smells very badly, and decomposes almost immediately,[2].—White flocks in the urine,[2].—Yellow or gray deposit, adhering to the sides of the vessel, like calcareous concretions,[2].—Urea eliminated, from 325 to 372 grains daily (before the proving); fell to between 201 and 294 grains (after the proving),[47].—Passage of calculi with the urine,[2].

Sexual Organs.—Male. **Penis swollen, inflamed,* with constant semi-erections and sexual desire,[2].—[470.] **Extensive swelling of the glans penis,* with paraphimosis,[2].—Erection even after an ejaculation,[2].—Chancre-like ulcers, with raised edges on the penis, with burning in the urethra,[2].—Raised, suppurating, syphilitic-looking condylomata on the penis,[2].—The penis is excoriated by the least friction,[2].—The left testis had almost entirely disappeared; it was reduced to the size of a pea,[21].—The right testicle was found to have disappeared; the left was about the size of an almond; coition was accompanied by pain, erection taking place slowly and lasting a long time; the duration of the venereal act was much prolonged, and no emission of semen took place (after twelve months),[57].—Descent of the testicles, with serous effusion into the scrotum,[2].—Compressive pains in the testicles, with sensation as if they were returning into the pelvis,[2].—Lancinating and throbbing pains in the scrotum, frequently after coition,[2].—[480.] Greatly increased sexual desire,[2].—Seminal losses, and frequent profuse nocturnal emissions,[2].—Tardy or premature ejaculation of semen,[2].—***Female.*** Inflammation and swelling of the uterus, with sensation as if its walls were being scraped,[2].—The cervix uteri is swollen and contracted,[2].—Chancre-like tumors on the cervix uteri,[2].—Cramps, burning, and contractions of the cervix uteri,[2].—Constrictive pains in the uterus, impeding parturition,[2].—Severe burning, tearing, and twisting pains in the ovarian region, especially on the right side,[2].—Sensation of congestion and swelling in the ovaries, with pain as from a corrosive tumor there,[2].—[490.] Biting in the pudenda with leucorrhœa,[1].—Leucorrhœa for several days, so acrid that it corrodes the skin (after twenty-five days),[1].—Leucorrhœa milky-white, or red like the washings of meat,[2].—Yellow or green leucorrhœa, of a putrid smell,[2].—Leucorrhœa resembling blennorrhagia, with redness, itching, and burning of the vulva and thighs,[2].—(The leucorrhœa became thinner and more watery), (after seven days),[1].—Menstruation reappeared after having been suppressed for six months, and flowed profusely, with pain in the abdomen and looseness of the bowels (in a woman thirty-eight years old), (after forty-six days),[1].—Discharge reappeared a week after the menstrual period (one case),[14].—Flow of blood between the menstrual periods,[2].—Menses two days later but more profuse than usual,[1].—[500.] She menstruated imperfectly once (during several weeks, while the medicine was taken); but, though several years have elapsed, she has

not, as far as I know, menstruated since,[46].—Menstruation sometimes too early, sometimes retarded,[2].—Decrease in quantity of menstrual fluid,[14].—Menstruation that had existed for two days was diminished,[1].

Respiratory Organs.—Larynx, Trachea, and Bronchi. Accumulation of mucus in the larynx and bronchi,[2].—Considerable accumulation of mucus, and of what seems like false membranes, in the throat and larynx, with difficult respiration and rattling,[2].—Affection of the mucous membrane of the air-passages,[12].—All the symptoms of severe spasmodic croup (fourth morning),[7].—Sticking in the air-passages and a feeling of rawness in them, which obliges hawking, whereby she expectorates mucus,[1].—*Raw pain in the larynx, as if from granulations,[2].—***Voice.** [510.] Occasional and trifling alteration in the sound of the voice,[2].—Voice as in catarrh,[1].—Hoarseness and frequent aphonia, with much obstruction in the throat and larynx, and weakness of the chest,[2].—Her voice is short, like her answers,[54].—Voice feeble, at times rather tremulous,[51].—**Loss of voice* (third night),[7]; for a long time,[41].—***Cough and Expectoration.*** Inclination to cough,[6].—Constant provocation in the larynx to a dry cough (after six days),[1].—Cough worse in the evening or at night and preventing sleep,[2].—Severe cough, especially towards evening,[2].—[520.] Short hacking cough caused by rawness in the throat (soon),[1].—Whistling cough, as in croup, or spasmodic, as in hooping-cough,[2].—Dry cough, several mornings in succession (after six days),[1].—Dry cough, with a feeling of soreness in the larynx, in the evening (after fourteen days),[1].—Dry cough, morning and evening (after sixteen days),[1].—**Deep, hollow cough, with whitish and* greenish expectoration, *and tearing-out pain starting from the ensiform cartilage,*[2].—Hoarse cough, with great obstruction of the larynx, sensation of tearing in the chest, and dark-red expectoration,[2].—Spitting of blood,[2].—***Respiration.*** Shortness of breath,[29].—Patients generally experience well-marked difficulty of breathing, and bring up a large quantity of expectoration similar to that observed in the first period of simple bronchitis; the expectoration ceases as it began, that is to say, without passing to the purulent state,[10].—[530.] He awoke during the night with great difficulty of breathing and loss of voice (third night),[7].

Chest.—Objective. Emaciation and debility of the right side of the chest, as from pulmonary disorganization, with very copious purulent expectoration,[2].—Inflammation of the chest, with sensation as if the lungs were swollen and obstructed, fever and great dyspnœa,[2].—***Subjective.*** Pains in the chest, as if the lungs contained large tubercles or cavities,[2].—Oppression, with cramplike pains in the chest, and suffocative paroxysms; inability to remain lying, especially at night,[2].—Constant oppression of the chest,[6].—Pains in the chest as if cut to pieces, in the evening (third day),[1].—Dull sticking in the middle of the chest, disappearing on moving about (after five days),[1].—Sharp sticking in the left side of the chest, in the evening (fifteenth day),[1].—**Fine transient stitches deep in the middle of the chest,*[1].—[540.] Sharp stitches in the upper part of the left chest, while sitting bent over, disappearing after becoming erect,[1].—Sharp stitches in the right costal region, behind the breast,[1].—An extremely violent stitch in the middle of the chest, while walking,[1].—Sore pain with sticking low down in the chest, in the lowest right ribs, at 8 P.M.,[1].—***Front.*** Sharp sticking and pressure in the middle of the sternum, in the afternoon (sixth day),[1].—**Violent stitches in the middle of the sternum, extending to the shoulders,*[1].—***Sides.*** Several sharp stitches in the right side of the chest,[1].—Pain in the left side of the chest, as if sore externally, worse when touched

(after twelve days),[1].—***Mammæ.*** The breasts began to diminish in size, but the supply of milk was especially diminished (soon),[13].

Heart and Pulse.—Præcordium. Heart feels as if enlarged and heavy, and beats very slowly,[2].—[550.] Sensation as if all the vessels of the heart were dilated, with inclination to take deep inspirations, and to sigh as if fetching breath,[2].—All the symptoms of endocarditis; oppression, faintlike exhaustion, tumultuous, violent, intermitting, and irregular action of the heart and pulse, with tensive pain across the chest, especially affecting the right ventricle, which gradually became dilated (after two weeks),[27].—Lancinating, cutting, and burning pains in the heart,[2].—Lancinating, burning, and rheumatic pains in the heart, with sensation as if it were surrounded by water,[2].—A few sharp stitches in the region of the heart, frequently while walking (fifth day),[1].—He is afraid to stir; the least movement aggravates the pains in the heart,[2].—***Heart's Action.*** *Palpitation,*[29 50 54 55].—Strong palpitation of the heart,[2].—Very annoying palpitation,[52].—(Cure of palpitation of the heart, which she had previously been subject to),[53].—[560.] Intermitting beats of the heart, with lancinations, cramps in the chest, stupor, and loss of breath,[2].—***Pulse.*** Accelerated pulse,[29]; (tenth day),[24].—Pulse rapid and small,[52].—Pulse very rapid and irregular,[56].—Quick and very full pulse (after four doses),[9].—Pulse almost always strong and quick,[2].—Pulse quick and small,[17a].—Pulse very quick, at least 120, but varying every moment,[54].—Pulse 130,[30].—Pulse hard, tense, not frequent,[6].—[570.] Pulse small, soft (after three hours),[25].

Neck and Back.—Neck. Hard, painless tumor, like a wen, on the nape of the neck,[2].—Stiffness and swelling of the neck, with cramplike pains and great difficulty in moving the head,[2].—Sticking in the right side of the nape of the neck, while lying down,[1].—***Back.*** Curvature of the back, with weakness of the chest,[2].—Lancinating and burning pains in the back, with inability to remain lying,[2].—***Dorsal.*** Throbbing several times between the shoulders (after seventeen days),[1].—***Lumbar.*** Pain in the small of the back like that before menstruation, with two diarrhœa-like stools (after fourteen days),[1].—Violent pain in the small of the back, so that she could not lie quietly anywhere (after sixteen days),[1].—**Feeling as if screwed in in the small of the back, very painful* (after three days),[1].—[580.] Frequent sharp stitches in the small of the back, while sitting (third day),[1].—Constant pain in the small of the back almost as if beaten, especially when sitting bent,[1].—Violent pain in the small of the back the whole night as if beaten, so that she does not know how she shall lie (after five days),[1].—Digging in the kidneys and loins as if they were stroked with hot iron rods,[2].—***Sacral.*** Pain in the coccyx as if she had fallen upon it (after six days),[1].

Extremities in General.—Objective. Burning, red swelling of the arms and legs, with great tendency to suppuration,[2].—Gouty swelling of the joints, with inability to move them,[2].—Rapid growth of the nails,[2].—Tremor of the limbs,[5].—Trembling of the limbs and unsteadiness of the extremities, as in an intoxicated person, so that the patient was obliged to lie down,[6].—[590.] Spasms and convulsive movements of the arms, hands, and legs,[2].—Jerkings of the limbs, especially violent in the left arm, also in the whole of the face, especially on the left side, with great anxiety, apprehensiveness, and palpitation; this attack was repeated six times on the first day and twice on the second day, but was more violent and lasted an eighth of an hour and ended with vomiting and violent headache; on the second day violent rolling of the left eyeball, both pupils contracted, the

facial muscles contracted, the left corner of the mouth drawn downward, the mouth opened and closed numberless times while uttering unintelligible words; violent palpitation, short rapid respiration, pulse hard and full, forehead, neck, and chest covered with perspiration, face fiery red, with loss of consciousness; after the paroxysm, trembling, weeping, complaints of heaviness of the left arm, abdomen small, soft, tongue white rather than yellow; efforts to vomit relieved by vomiting; these attacks were repeated on the two following days, after which there were no spasms, only cramp in the throat with a sensation of dryness,[3].—***Subjective.*** Pains in the joints as if dislocated and bruised,[2].—Sprained pains in the joints of the arms and legs,[2].—Tearing just above the right malleolus, in the left index finger and right arm, though not in the joints (tenth day),[1].

Superior Extremities.—Paralytic rigidity of the arms,[2].—Arms lost all power (fourth day),[15].—Lancinating and cramplike pains in the arms, with œdematous swelling,[2].—***Shoulder.*** Pain in the tendons of the right shoulder, on motion and touch, like a tension and as if swollen,[1].—Paralytic pain in the shoulders, only on moving them (after four days),[1].—[600.] Transient tearing in the right shoulder and afterwards extremely violent tearing in the right ear,[1].—Violent tearing in the left shoulder,[1].—Transient bruised pain in the left shoulder,[1].—***Elbow.*** Tearing in the left elbow, now in the shoulders, now in the right elbow (after seventeen days),[1].—***Forearm.*** Pain like a tension and sticking in the articular extremity of the radius, on moving the right index finger,[1].—Feeling of cramp in the right forearm above the wrist, on moving it (second day),[1].—***Wrist.*** Tearing in the right wrist, afterwards itching on it, not relieved by scratching, followed by the appearance of an itching vesicle (after twelve days),[1].—***Hand.*** Swelling of the hands as if from chilblains,[2].—Very characteristic trembling of the hands,[54].—Tearing in the metacarpal joints of the fingers of the left hand, in the evening (third day),[1].—[610.] Bruised pain in the margin of the right hand above the little finger,[1].—***Fingers.*** Very painful swellings on the fingers, like paronychia,[2].—Pinching on the first (metacarpal) joint of the left thumb,[1].—Tearing in the index finger, from the base to the tip,[1].—Tearing in the inner surface of the right ring finger, which is thereby involuntarily flexed and for a long time cannot be extended,[1].—Painful tearing in the right thumb as if it would be torn out (fifth day),[1].—Violent tearing on the inner margin of the right thumb,[1].—Violent tearing on the left middle and ring fingers, in the evening (thirteenth day),[1].—Extremely violent jerking-tearing and sticking in a very narrow line on the outer side of the left thumb, as if in the bone,[1].

Inferior Extremities.—The gait is disturbed,[54].—[620.] Affected in his lower limbs; his legs gave way under him (fourth day),[15].—Legs stiff, or very weak and unable to support the body,[2].—Painful weakness of the legs,[53].—***Hip.*** A sharp stitch in the left hip on every step, so that she was obliged to limp,[1].—Gnawing in both hip-bones,[1].—***Thigh.*** The upper part of the thighs seem to be compressed during menstruation (after fourteen days),[1].—Some sharp stitches in the upper part of the left thigh (after sixteen days),[1].—A stitch frequently, now in the thigh, now in the tibia (eleventh day),[1].—Tearing in a small spot in the middle of the left thigh, whereupon the thigh as far as the knee was painful, as if paralyzed (third day),[1].—Tearing and sticking in the posterior portion of the right thigh (third day),[1].—[630.] Tearing pain in the left thigh-bone (second day),[1].—Extremely painful tearing in the right thigh, extending to the knee, disappearing when lying upon the sound side; lying upon the painful side or

the back, was intolerable, on and after waking at 11 P.M. (after thirteen days),[1].—A gnawing pain in the middle of the right thigh, while sitting in the evening with the right thigh over the left (first day),[1].—***Knee.*** Tearing twitching in the right knee,[1].—Tearing above the hollow of the knee, immediately afterwards also below it (second day),[1].—Tearing in both knees, at night (after six days),[1].—Several transient tearings in the outside of the left knee, while sitting,[1].—Violent tearing in the left knee, as if in the periosteum, with a feeling as though it were swollen, at night, lasting two hours (after six days),[1].—***Leg.*** Swelling of the legs in the evening,[2].—Violent *gnawing* pain in *left leg, as if in the periosteum* (after several days),[22].—[640.] Tearing from above downward in both tibiæ, in the evening (seventeenth day),[1].—Painful tearing in the right tibia,[1].—Very painful cramps in the calves,[2].—Painful drawing in the calves, while sitting,[1].—Tearing and tension in the left calf, while standing, relieved by walking (twelfth day),[1].—Tearing in the left calf followed by weakness of the whole leg (fourth day),[1].—***Foot.*** Gouty pains, especially in the heels, which are red and swollen,[2].—Throbbing and burning pains in the feet,[2].—Violent pain in the left instep as if beaten, in the evening (sixteenth day),[1].—Painful tearing in the back part of the left heel, while sitting,[1].—[650.] Violent tearing in the right heel, while standing, disappearing on walking (twelfth day),[1].—Ulcerative pain in the heels and in all the toes,[1].—***Toes.*** Tearing in the whole of the right great toe,[1].—Tearing in the second toe of the right foot,[1].—Two painful tearings in the left great toe,[1].

General Symptoms.—Objective. Nervo-sanguine temperament,[2].—Augmentation of the secretive action of the mucous membranes, especially of those lining the genital organs,[16].—Excessively thin,[30].—**Emaciation*,[29 55].—Considerable emaciation,[53].—[660.] Considerable general emaciation,[51 54].—Great emaciation, with accumulation of water in different internal organs,[2].—Remarkable emaciation,[28].—Marasmus resembling the third stage of phthisis,[29].—Extreme marasmus,[56].—It affects the fibrous structures, as the periosteum, and capsular ligaments of joints,[43].—Ostitis with suppuration,[2].—Trembling,[55].—General trembling,[29].—Some have been affected with spasms, and even a degree of subsultus tendinum,[10].—[670.] Nervous twitchings and facial contortions,[2].—General depression,[24].—General depression,[56].—Languor and weakness, which did not disappear for several days after suspension of the medicine (after four days),[15].—General debility,[53].—**Great general debility*,[2].—Marked debility,[54].—His frame greatly debilitated,[17].—Notable diminution of strength,[29].—Extreme weakness,[29].—[680.] Great prostration of strength (after four doses),[9].—The vital powers were prostrated to the lowest degree, every moment seemed about to snap the thread of his earthly career,[17a].—Fell unconscious (fourth day),[15].—He emitted a most abominable smell from his whole person,[17a].—Great restlessness (three hours after third dose),[26].—Great restlessness, with inclination to keep moving, to practice gymnastics, and to squeeze forcibly anything taken into the hands,[2].—Extreme restlessness (after one hour),[4].—Great nervous mobility,[29].—General uneasiness (first three days),[15].—Great uneasiness in every position (after three hours),[25].—[690.] Agitation and nervous uneasiness,[52].—***Subjective.*** Nervous susceptibility exaggerated, but without any appreciable localization of disease,[30].—Skin very sensitive to cold,[2].—Very distressing condition of the nervous system,[53].—Nervous irritation harassed him very much,[17].—General feeling of weakness and depression, making him incapable of exertion; could scarcely walk or stand,[51].—Felt poorly (after third dose),[9].—Began to feel unwell (after third dose),[26].—

General malaise (immediately),[4].—During the pains in the kidneys, abdomen, and stomach, vertigo, dulness, intoxicated sensation, malaise, and debility; he does not know what to do with himself, as every position is tiresome and painful,[2].—[**700.**] Indescribable sensation of anguish (soon after),[51].—Continual complaints (after one hour),[4].—Burning, lancinating, throbbing, pungent, and rheumatic pains, and pains in the bones, especially at the beginning of the cold season, after excesses, or resulting from syphilitic affections,[2].—Pinching here and there in the whole body, worse in the evening (after fourteen days),[1].—Tearing here and there in the whole body, for several days in succession (after eight days),[1].—(Never failed to see a decrease or suspension of the pains of the bones), (after one or two days),[14].

Skin.—Objective. Redness of skin, as after strong friction,[2].—Skin dried up, and as if glued to the bones,[2].—Skin in general rough, like hog skin,[2].—Skin easily injured, the slightest wound tends to become a bad sore,[2].—Swellings resembling condylomata or wens,[2].—***Eruptions, Dry.*** [**710.**] Different forms of cutaneous disease, as acne, eczema, and purpura,[16].—Cutaneous eruption, sometimes; when these eruptions make their appearance the patient is disquieted; they are generally of the character of urticaria; if the medicine be continued they assume the character of eczema and prurigo; in some cases, especially when the eruption appears on the face, a congestion of the cellular tissue, beneath the skin, is added to the other symptoms, giving rise to slight excrescences, having the appearance of tubercles; the eruption will disappear in a few days, after discontinuance of the medicine,[11].—Different eruptions, and more especially eruptions of a psydracious form, somewhat resembling the pustules of acne, with this difference, that they are not confined to the parts habitually affected with acne; thus they are found not only on the face and shoulders, but on every part of the body without exception; in one case we may have eczema, in the other herpes, while in others it may cause simple erythema; in two patients, at two different periods, there appeared an eruption of papulous erythema on some parts, of erythema nodosum on others, and in a patient affected with cancer of the face, to whom it was given in rather large doses, it on several occasions caused an eruption of impetigo on the hairy scalp, and of a rupia, offering the characters of a cachectic rupia, on the legs and forearms, symptoms which disappeared as soon as the remedy was omitted, and showed themselves again when its use was renewed,[10].—Miliary and urticarious or vesicular eruptions, with itching and burning, which allow no rest,[2].—Purpura, in a predisposed subject, and of course erythema and other symptoms of iodism,[44].—Many small yellow spots appear, now in one place, now in another, which exfoliate, like herpes,[2].—Blotches on the face and other parts of the body (after a few doses),[39].—*Red blotches on different parts of the face,[2].—I have seen it produce on three several occasions, after a fortnight's use, a genuine spotted disease on the legs of a gentleman; in the case of a lady I ordered it for removal of very serious tertiary symptoms of syphilis; it caused towards the termination of the cure a petechial eruption on the lower limbs,[10].—Erysipelatous swelling and redness of both cheeks, extending towards the temples, with a few spots on the forehead (second day),[35].—[**720.**] Several pimples on the chin and nose (after five days),[1].—Red pimples, miliary eruptions, with great itching of the vulva,[2].—A sticking-burning pimple in the skin, below the corner of the mouth,[1].—A sensitive pimple on the cheek, surrounded by redness and swelling (after six days),[1].—A very sensitive pimple on the nostril (after five days),[1].—Miliary eruptions, with burning-itching and palpitation in

the face,[2].—Dry tetter as large as a penny on the cheek, with violent itching (after ten days),[1].—Itching tetter on the face (after fourteen days),[1].—***Eruptions, Moist.*** Scaly herpes, with large copper-colored pimples on the face,[2].—Syphilitic-looking herpes, difficult to cure, especially on the cheeks, and in the beard,[2].—[730.] Eczema impetiginoides (in one case),[14].—A small pimple on the chin, which itches very much, and exudes water,[1].—Vesicles and yellow liver-spots on the face,[2].—After tearing in right wrist, itching on it, not relieved by scratching, followed by the appearance of an itching vesicle (after twelve days),[1].—Eruption and herpetic scabs behind the ear,[2].—Herpetic eruptions and obstinate ulcers on both lips,[2].—Severe corrosive herpes on the prepuce,[2].—Erysipelas of the face (after taking it three or four days); some time afterwards it was given again with exactly the same result; after an interval of several months, he began to take the medicine a third time; after about a fortnight he was attacked with erysipelas of the face, scalp, neck, etc., rather severely,[45].—***Eruptions, Pustular.*** The most frequent eruption is the pustule of acne, which shows itself from the end of the first to the second day; it most frequently occurs on the face; it does not usually last as long as the treatment, that is, it disappears in fifteen or twenty days,[14].—A long-continued use of Iodide of potassium will, in some subjects, occasion an eruption, generally of a pustular form (almost always ecthyma),[48].—[740.] Pustular herpes, often ulcerated, and with small red veins on the face,[2].—Phlegmonous swellings, as from bruises,[2].—Suppurating ulcers, such as arise from burns and bruises,[2].—Inflammatory swellings, which assume a gangrenous character,[2].—Small ulcers, with raised borders and grayish bases, on the vulva,[2].—Ulcers corroding to the bone, on the head, nose, arms, and legs,[2].—Eruption on the face (after some days); subsequently all over the body; maculæ first of a dark-red color came out, which gradually got darker, until the spots resembled *purpura;* the cuticle next became raised over some of the spots, and was filled with a fluid of a purple color, constituting large bullæ an inch in diameter; on the cuticle giving way, the true skin was found sphacelated underneath; the ulcers continued over a month,[17].—He presented a most grotesque appearance, looking more like a leopard than a man; he was mottled all over with spots; those on his face were purple, whilst those on the lower extremities were of a dark-red color; the spots on the legs came out last; there were two large bullæ on the forehead, one on the lip, two under the left clavicle, two on the inside of the right thigh, one on the side of the prepuce; after a few days the prepuce corresponding to the bullæ had sphacelated, and the integuments of the penis, as far as the pubis, were involved in mischief; mortification had also seized upon the lip and the other parts specified as having bullæ; the eruption disappeared first from the face, and afterwards from the lower extremities; the sphacelated parts were thrown off, *including the whole penis*, body, and integuments, from the pubis, not leaving a vestige of it behind,[17a].—The tip of the left thumb is ulcerated and yellow, as if it would break, which, however, it does not do (after forty-one days),[1].—Ulcerated chilblains,[2].—***Subjective.*** [750.] Some patients have experienced only a feeling of heat and pricking of the skin, attended at times with more or less pruritus,[10].—Great itching all over, especially on the face, arms, and thighs,[2].—Violent biting on the nape of the neck and on the forehead, which burn after scratching (fourth day),[1].—Itching on the right nates, disappearing after scratching (after eighteen days),[1].—Itching on the inner side of the right upper arm; after scratching there remains for several days a dry, red spot, which at first itches (after fifteen days),[1].

—Itching on the right instep, worse after scratching, in the evening (after four days),[1].—Great itching of the pubis,[2].

Sleep and Dreams.—Sleepiness. Frequent yawning, as though she had not slept enough, without sleepiness,[1].—Excessive, frequent yawning (fifteenth and sixteenth days),[1].—Invincible drowsiness, after 2 P.M.,[2]. —[760.] Heavy and painful sleep in the morning, and after meals,[2].—Deep sleep during the first half of the night; wakefulness in the morning,[2].— ***Sleeplessness.*** **Sleeplessness,*[53 54]. — Night almost sleepless; she was quite wide awake most of the time, and only became sleepy towards morning (after thirteen days),[1].—Nightly restlessness,[50].—Restless sleep (after fourteen days),[1].—Restless sleep, from which he awakes with a start and a feeling of distress, as if caused by some strong emotion, or the sense of a great calamity,[55].—Sleep restless, especially in the morning, with dreams, which are not remembered on waking,[2].—Sleeps much less soundly than usual, but has no nightmare,[51].—She started up during the first sleep, but soon fell asleep again (fifth day),[1].—[770.] She wakes every hour, at night (after fourteen days),[1].—Sleep was disturbed and unrefreshing,[24].—She cried aloud in sleep, towards morning, but after waking remembered nothing of it (after three days),[1].—***Dreams.*** Joyous dreams,[1].—Very anxious dreams (after thirteen days),[1].—Dream of falling and consequent violent starting up, in the evening, while napping (after eleven days),[1].— Dreams that she would be killed (after fourteen days),[1].—Nightmare,[54].

Fever.—Chilliness. Chilliness from afternoon till the next morning (after forty-six days),[1].—Chilliness from 6 to 10 P.M., disappearing after lying down (after five days),[1].—[780.] Chilliness with sleepiness, from 6 to 8 P.M., beginning by creeping up the back, and extending over the whole body (after seventeen days),[1].—Chilliness, with shaking, at 10 P.M., lasting half an hour (third day),[1].—Chilliness from 4 to 7 P.M., with thirst; she was able to get warm in bed, but not by the stove (after fourteen days),[1]. —Chilliness, which was difficult to relieve by the warmth of a stove, in the afternoon (tenth day),[1].—She was so chilly at night that she could not get warm (after three days),[1].—Shaking chill at night, on frequent waking (after eleven days),[1].—Shivering (first day),[35].—Shivering and coldness all over; he feels frozen, and cannot get warm with any amount of covering,[2]. —Violent shivering fit (one hour after fourth dose),[9].—Constant shivering-creeping, with icy coldness over the hands, with pressure and griping in the lower abdomen, during the menses,[1].—[790.] Creeping in the back, followed by coldness of the whole body, in the evening (fourth day),[1].—Coldness of the feet, with swelling,[2].—***Heat.*** Heat of the skin (after fourth dose),[9].— Heat, followed by perspiration, in the afternoon, from 1 to 3 (third day),[1].— Heat, with copious sweat, malaise, itching, and bruised sensation in the skin,[2].—Great heat, as after overexertion, followed by excessive coldness, with trembling,[2].—Flushes of heat, with dulness in the head and discomfort of the body (fourth day),[1].—Symptoms of fever (after some days),[17].— Fever, especially in the morning on waking, in the evening when going to bed, and during the night,[2].—Fever, with languor, coldness of the back and legs, urgent thirst, longing for sugared water, and loss of appetite,[2].— [800.] Slight attack of fever,[17a].—Smart fever with the nausea and vomiting (fourth day),[34].—Heat of head (three hours after third dose),[26].—The head felt hot, while the rest of the body shivered, in the morning,[24].—Great heat in the head, with burning and redness of the face,[1].—***Sweat.*** Profuse sweat, especially in the morning in bed,[2].—Skin covered with perspiration, without thirst (after three hours),[25].

Conditions.—**Aggravation.**—(*Morning*), Vertigo at 5 o'clock, disappearing after rising; headache; after rising, heaviness in side of forehead; heaviness in sides of head, disappearing in open air; screwing together in head; in bed, stitches from jaw to parietal bone; in bed, when lying on it, tearing, etc., in zygoma; after waking, lips full of mucus; from 4 to 5 o'clock, jerking in eyetooth; after rising, odor from mouth; after waking, numbness of mouth; in bed, rawness, etc., in throat; after waking, distension of abdomen, etc.; after waking, pains in abdomen, etc.; dry cough; restless sleep; on waking, fever; head hot, etc.; in bed, sweat.—(*Forenoon*), Sticking in lower jaw, etc.—(*Afternoon*), Heaviness in forehead; towards evening, heaviness in occiput; burning in eyes; tearing in abdomen; towards evening, severe cough; sticking, etc., in middle of sternum; from 4 to 7 o'clock, chilliness, etc.; chilliness; from 1 to 3 o'clock, heat, etc.—(*Evening*), Vertigo; headache; tearing, etc., in forehead; throbbing in temple; stitches in top of head; discharge of mucus from eyes; burning in eyes; burning in lids; in bed, stitch in ear; tearings in ear; pain over side of face; stitches, etc., in side of throat; thirst; hiccough; pain in stomach; beating in epigastric region; cough; dry cough, etc.; pains in chest; sticking in side of chest; tearing in metacarpal joints; tearing in fingers; swelling of legs; tearing in tibiæ; pain in instep; pinching in whole body; itching on instep; from 6 to 10 o'clock, disappearing after lying down, chilliness; from 6 to 8 o'clock, chilliness, etc.; at 10 o'clock, chilliness; creeping in back; when going to bed, fever.—(*Night*), The symptoms; heaviness in forehead, etc.; after lying down, till midnight, jerking in eyetooth; uneasiness in bowels; itching at anus; emission of urine; cough; oppression, etc., of chest; pain in small of back; tearing in knees; tearing in left knee, etc.; from afternoon till morning, chilliness; chilly; fever.—(*Walking in open air*), Grumbling in hollow tooth.—(*Sitting bent over*), Stitches in upper left chest; pain in small of back.—(*Cold air*), The symptoms; headache.—(*After dinner*), Heaviness of head.—(*Heat*), Headache.—(*After meals*), Vertigo; congestion of head.—(*Motion*), Pains in heart.—(*Rest*), Most symptoms.—(*Sitting*), Stitches in small of back; tearings in knee; drawing in calves; tearing in head.—(*Standing*), Tearing, etc., in calf; tearing in heel.—(*Stooping*), Stitches in forehead.—(*Talking*), Stitch in right hypochondrium, etc.—(*Wind*), Headache.—(*Walking*), Stitch in middle of chest; stitches in region of heart.

Amelioration.—(*Evening*), After lying down, pains in abdomen, etc.—(*Open air*), Pains in abdomen.—(*Motion*), Headache; sticking in chest.

KALI (HYPER-) MANGANICUM.

Permanganate of Potash, $2KMnO_4$.

Preparation, Triturations.

Authorities. **1**, Dr. H. C. Allen, Am. Hom. Obs., 3, p. 345, took 251 grains in ten days, as follows: 6 grains forenoon, 10 grains P.M., first day; 10 grains A.M., second day; 15 grains at 9.40 and 10 grains at 11.30 A.M., third day; 10 grains 2.30, 20 grains 6 P.M., and 20 grains 8.30 P.M., fourth day; 30 grains 7.35 A.M. and 11 A.M., eighth day; 30 grains 9 A.M., ninth day; 30 grains 10.30 A.M., tenth day; 30 grains at 2 P.M., eleventh day; **2**, partner of last took 51 grains in three days; **3**, some students took a less quantity.

Head.—Head feels full (one hour after second dose, fourth day),[1].

Eye.—Profuse lachrymation (fifteen minutes after first dose, third day),[1].

Ear.—Sharp, piercing pain extending from the throat to the left mastoid process of temporal bone, apparently along the course of the Eustachian tube (fifty minutes after first dose, third day),[1].

Nose.—Thin discharge from the nares, which smarts and irritates the mucous membrane (eleventh day),[1].—*Sanious discharge from the nares,*[1].—Sanious discharge from the nose; nares feel stuffed and full, as in catarrh; the discharge is blood-streaked, although I had no catarrhal symptoms (two hours and a half before), (one hour after second dose, third day),[1].—Discharge from the nares and larynx streaked with blood (third day),[1].—Nasal hæmorrhage (half an hour after second dose, eighth day),[1].—Slight hæmorrhage from the nose (one hour after second dose, fourth day),[1].—[**10.**] Profuse hæmorrhage from the nose (half an hour after third dose, fourth day); not so profuse (half an hour later),[1].—Nose feels stuffed and full, and hæmorrhage sets in on every attempt to free the obstruction (eleventh day),[1].

Mouth.—Mouth and lips very dry, the latter smart when exposed to the cold air (nine hours and a half after second dose, third day),[1].—Increase of flow of saliva, which runs out of the mouth almost constantly, with more pain and difficulty of deglutition than ever (half an hour after second dose, eighth day),[1].—Profuse flow of saliva, with a burning, raw, smarting, nauseating pain in the fauces, pharynx, larynx, and extending down the œsophagus to the stomach (half an hour after third dose, fourth day),[1].—During the last hour a profuse flow of saliva from the mouth (so much so as to attract my attention, although I have had more or less all day, but I was not sure it was caused by the drug), with the same constant inclination to swallow manifested after each dose of the drug, but has now become very painful (two hours and a half after first dose, fourth day),[1].—Profuse discharge of saliva (after half an hour, eleventh day),[1].—Profuse salivation,[1].—Speech painful and difficult; hoarse, as though I had tonsillitis (half an hour after third dose, fourth day),[1].

Throat.—Objective. The throat was primarily affected,[3].—[**20.**] Throat swollen and very painful (sixth day),[1].—Small ulcerated spots here and there on the walls of the throat, with stinging, burning pains (tenth day),[1].—Everything that is hawked up from the throat is streaked with blood (half an hour after third dose, fourth day),[1].—Constant hawking up of a thick, blood-streaked, tenacious mucus, which appears to be abundant, but in reality is very little (two hours and a half after first dose, fourth day),[1].—***Subjective.*** Constant inclination to hawk up something, which is ineffectual (one hour and twenty minutes after first dose, third day),[1].—Throat dry, painful, with incessant attempts at deglutition, from which it seems almost impossible to refrain (eighth day),[1].—Throat very dry and raw (one hour after second dose, third day),[1].—Continual dryness in the throat, with a slight, irritating, hacking cough on attempting to swallow (one hour and a quarter after second dose),[1].—Raw dryness in the throat, and constant inclination to swallow, with the pain in the stomach (one hour and a half after first dose, fourth day),[1].—The mucous membrane of the throat and larynx feels thick, and the larynx very painful (one hour and twenty minutes after first dose, third day),[1].—[**30.**] The whole throat and larynx feel as though the cavity was constricted, apparently from thickening of the mucous membrane of fauces and larynx (one hour and three-quarters after second dose),[1].—Peculiar constricting smarting sensation in

the throat and fauces, with the hot burning sensation in the cardiac extremity of the stomach (twenty minutes after first dose),[1].—Pain, heat, and dryness of the throat, with a constant desire to swallow, although deglutition was painful,[2].—A great deal of pain in the throat all day, particularly on swallowing, for which there appears to be a constant desire (third day),[1].—Increase of the same smarting, burning pain in the throat, extending along the œsophagus, attended with burning pain in the stomach (half an hour after first dose, fourth day),[1].—Acute pain in the throat, extending to the ears and larynx, and producing a titillating cough (ninth day),[1].—Whole throat feels raw (after three hours, ninth day),[1].—Throat feels raw and swollen, and is very painful, even when not attempting to swallow (one hour after second dose, fourth day),[1].—Throat feels raw, and bleeds on attempting to hawk up the secretions, which appear to completely fill the cavity (eleventh day),[1].—Throat and fauces feel raw and sore, with an acute pain extending to the ears on swallowing (thirty-five minutes after second dose),[1].—[40.] Rough, raw, scraping sensation in the throat, with a constant inclination to swallow, which is very painful (twenty minutes after first dose, third day),[1].—Posterior nares painful (half an hour after third dose, fourth day),[1].—***Uvula.*** Uvula, soft palate, and fauces are mottled of a dark-red color, with livid spots here and there (two hours and a half after first dose, fourth day),[1].—Uvula œdematous and very much elongated (eighth day),[1].—Soft palate swollen, uvula swollen, and looks œdematous and of a dark-red color (after three hours, ninth day),[1].—***Fauces and Pharynx.*** Fauces red and inflamed (one hour and three-quarters after second dose),[1].—The fauces and pharynx are red and very painful, and the efforts of deglutition almost incessant, with a profuse flow of saliva, which is allowed to escape from the mouth on account of the pain produced by swallowing (thirty-five minutes after second dose, fourth day),[1].—The mucous membrane of the fauces and posterior wall of the pharynx feels thickened (two hours and a half after first dose, fourth day),[1].—Burning, nauseating pain in the fauces, extending down the œsophagus to the stomach, attended with a dryness and constant inclination to swallow (a quarter of an hour after second dose),[1].—***Swallowing.*** Desire to swallow increasing (one hour and three-quarters after second dose),[1].—[50.] Constant painful urging to swallow, with the cough (fifteen minutes after first dose, third day),[1].—Constant, intense, painful inclination to swallow, but cannot do so (half an hour after third dose, fourth day),[1].—Throat so painful that it was with difficulty that I could swallow (second day),[1].—Could eat no solid food on account of the swollen and painful condition of the throat (fifth day),[1].—***External Throat.*** The muscles of the neck feel sore, particularly the digastric and stylo-hyoid, and the cervical glands opposite the hyoid bone swollen and very painful (tenth day),[1].—Considerable difficulty in opening the mouth, on account of soreness of parotid gland and muscles of neck (half an hour after third dose, fourth day),[1].

Stomach.—Appetite. Loss of appetite (second day),[1].—Have been unable to eat for two days (sixth day),[1].—Did not feel inclined to take any more of the drug (fifth day),[1].—***Thirst.*** Thirst, but inability to drink (fourth night),[1].—***Eructation.*** [60.] Almost constant flow of ropy mucus from the stomach, which is ejected without pain, but does not in the least relieve the nausea (one hour and a half after third dose, fourth day),[1].—***Nausea and Vomiting.*** Nausea, and constant inclination to swallow (fifteen minutes after first dose, third day),[1].—Nauseating, sickening

sensation at the stomach, soon (second day),[1].—I could take no more of the drug, from a loathing which would almost produce vomiting to look at it (eleventh day), and although a month has elapsed since I took any of the drug, the simple taste, or even the sight of it, will produce nausea,[1].—Nausea and vomiting (after half an hour, eleventh day),[1].—Nausea and vomiting to such a degree that I began to search in vain for an antidote (twenty minutes after third dose, fourth day),[1].—Nausea and vomiting, first of the contents of the stomach, afterwards of a thick ropy fluid, which is ejected in large quantities, but with very little difficulty, with more violent pain in the throat than hitherto (a quarter of an hour after second dose, fourth day),[1].—The vomiting, which had ceased last evening, returned in an aggravated form, attended with a burning, nauseating pain in the stomach and duodenum, which became almost insupportable (ninth day),[1].—Vomiting incessant, though painless (half an hour after third dose, fourth day),[1].—***Stomach.*** Deepseated, sickening pain in the stomach, with a raw dryness in the throat, and constant inclination to swallow (one hour and a half after first dose, fourth day),[1].—[70.] Burning pain in the stomach (half an hour after first dose, fourth day),[1].—Hot, burning pain in the stomach, which seems to radiate over the whole epigastrium (fifty-five minutes after second dose),[1].—Hot, burning sensation in the cardiac extremity of the stomach, with a peculiar constricting, smarting sensation in the throat and fauces, attended with slight inclination to swallow, and a hot, uneasy, constricting sensation throughout the whole length of the œsophagus, which continued for two hours, but was relieved by eating (twenty minutes after first dose),[1].

Stool.—Constipation (second day),[1].—Obstinate constipation ever since I began to take the Permanganate (fifth day),[1].

Urinary Organs.—Compelled to urinate four or five times (an unusual circumstance with me); urine clear, watery, and in considerable quantities each time (fourth night),[1].—Profuse discharge of urine (after half an hour, eleventh day),[1].—Urine profuse (fifth day),[1].—Urine more profuse than usual, and has to be voided more frequently (third day),[1].—Urine very profuse and clear (thirty-five minutes after second dose); profuse and watery (one hour after second dose, fourth day),[1].

Respiratory Organs.—Larynx. [80.] Aching pain in the region of the cricoid cartilage, aggravated by every attempt at deglutition (two hours and a half after first dose, fourth day),[1].—Deepseated pain in lower part of the larynx, particularly in the region of the cricoid cartilage (one hour and three-quarters after second dose),[1].—A sensation in hawking or clearing the larynx, as though the surface was raw (third day),[1].—***Cough and Expectoration.*** Short hacking cough, with a constant, painful urging to swallow, which produced nausea and inclination to vomit, with profuse lachrymation (fifteen minutes after first dose, third day),[1].—Constant, short, painful hacking cough, and what little is hawked up is streaked with blood, as if the throat was raw (one hour after second dose, third day),[1].—Coughing, or even hawking, brings up a sanious fluid (half an hour after second dose, eighth day); (after three hours, ninth day),[1].

Heart and Pulse.—Pulse 80 at 2 A.M. (fifth day),[1].—Pulse 92 (one hour after second dose, fourth day),[1].—Pulse 94 (half an hour after third dose, fourth day),[1].—Pulse 95 at 9 A.M. (eighth day),[1].

Inferior Extremities.—[90.] The legs feel as though I could not move them, and tremble when I attempt to stand (eleventh day),[1].

General Symptoms.—Felt weak, and unable to attend to any

business (fifth day),[1].—Weak, and very much prostrated (one hour after second dose, fourth day),[1].—Terrible weakness and languor, particularly of the lower limbs, which compelled me to lie down (after half an hour, eleventh day),[1].

Sleep.—Restless night (third night),[1].—Sleepless night (fourth night),[1].

Fever.—Fever (fourth night),[1].—Face hot (one hour after second dose, fourth day),[1].—Profuse perspiration (one hour after second dose, fourth day),[1].

KALI NITRICUM.

Potassium nitrate. (Saltpetre), KNO_3 (Nitrum, or Nitre).

Preparation for use, Triturations.

Authorities (1 *to* 11 *from Jorg's "Materielen"*). **1,** Engler, took repeated doses of 1 to 15 grains (the first dose without any effect); **2,** Hecker, took doses of 1 grain to ½ drachm (the last dose without any effect); **3,** Heisterbergkh, doses of 1 grain to 2 scruples; **4,** Kneschke, doses of 1 to 15 grains; **5,** Kummer, doses of 1 to 10 grains; **6,** Richter, doses of 1 grain to 1 scruple; **7,** Siebenhaar, doses of 3 to 14 grains; **8,** Jorg, doses of 4 to 14 grains; **9,** Assmann, doses of 1 and 2 drachms; **10,** Alexander (quoted by Jorg from "Experimental Essays," London, 1768) took 6 drachms within twenty-four hours, afterwards 1 ounce, and then 1½ ounces; **11,** case quoted by Alexander, a woman swallowed a handful of saltpetre mixed with warm water; (12 *to* 21 *from Hahnemann, article Nitrum Chron. Krank.*, Bd. IV); **12,** Hahnemann; **13,** Neuning; **14,** Schreter; **15,** Tietze; **16,** Geiseler, Hufel. Journ., lvii, 1, 124, "effects of 1 ounce dose;" **17,** Richter, Arzneimittellehre, iv; **18,** Falconer, Mem. of Med. Soc. of Lond., iii, 527, "effects of a 2-ounce dose;" (**19,** omitted); **20,** Alston, Lectures on Mat. Med., Lond., 1770, 1, 180 ("from a drachm daily," Hahnemann); **21,** Soville, Journ. de Med., lxxiii, 1, 19–21, from 1 ounce, in a woman of 36; (22 *to* 31 *from provings of the "Verein zu Schœningen," Archiv f. Hom.*, 17, 2, 123); **22,** Rummel, took 6 grains 1st cent. trit. first day, 10 grains second day; **23,** Dr. Schrœder, repeated doses of 1st trit.; **24,** C. Lier, doses of 5 to 15 grains; **25,** Dr. Finzelberger, took first day 6 grains (on third day took Ipecac at intervals of four hours to stop the cough, also a dose of Ipecac on the fifth and seventh days), seventh day 4 grains of 1st trit. of Kali nit.; **26,** Dr. Nicol, took daily 1 grain for a week; symptoms began to appear on night of eighth day; **26** *a*, same, took 4 grains daily for four days; **26** *b*, same, took 10 grains of 1st dec. trit. every evening for a week; **26** *c*, same, daily doses of 30 grains of 1st dil.; **26** *d*, same, daily doses of 3 grains of crude drug for twelve days; **26** *e*, same, daily doses of 6 grains of crude drug; **27,** Traub, took daily doses of 8 grains of 1st trit.; **28,** Muhlenbein (*Note:* Suffering frequently for the last three months from soreness and scurfiness of the margins of the nostrils, scratching of which was followed by bleeding. When he began the proving he was not well, had drawing in the limbs, was ill-humored and easily inclined to weep), took 6 grains 1st trit. (first day), repeated after four days, also the next year another proving with repeated doses of 1st trit., 5 to 15 grains; **29,** Dr. Franke, took 5 grains of crude drug for seven successive days, 9 grains tenth and twelfth days; **29** *a*, same took 10 grains pure drug (first and third days), 12 grains twice (fourth and fifth days); **30,** Muhlenbein, took 6 grains of 1st trit.; **31,** Dr. Kratzenstein, took 10 grains of pure nitre three times in twenty-four hours; **32,** Comparetti, from Wibmer, effects of about

1½ ounce; **33**, Laflize, Journ. de Med., 1788, from Wibmer, a woman took about an ounce; **34**, All. Zeit., 1788, from Wibmer, effects of 1½ ounce; **35**, Kiebel, from Wibmer, effects of 3 drachms in a woman; **36**, Oberstadt, Caspar's Woch., 1841 (Frank's Mag., 1, 258), a man, 50 years old, took 2 ounces at one dose; **37**, Butter, a pregnant woman, took a solution of 2 ounces, Edin. Med. and Surg. Journ., Jan. 1818; **38**, Meyer, St. Petersb. Abhandl., 1823 (Frank's Mag., 2, 814), a man took 2 drachms in a clyster; **39**, Deutsch, Pr. Ver. Zeitg., 1855 (Schmidt's Jahrb., 89, 290), a man took 1½ ounce; **40**, Orfila, Toxicologie, a man took 2 ounces; **41**, same, a woman took 32 grammes; **42**, Taylor's Med. Jurisp., 1, 237, a lady took 1 ounce; **43**, Geoghegan, from Taylor, a man took 1½ ounce; **44**, from Taylor, two men took 1 ounce each; **45**, G. Wilson, Lond. Med. Gaz., 1848, a man, aged 63, took 2 ounces; **46**, Janikowski, from Trinks, A. H. Z., 14, 380 (no dose given); **47**, Cardan, Lond. J. of Med., 1849 (from Acad. of Sc., Paris), effects of 3 ounces; **48**, Dr. Davies, Med. Times and Gaz., 1857, p. 484, effects of 1 ounce for ascarides; **49**, Dr. Snowden, Pharm. J., 1856, from New Jersey Med. Reporter, a German took 3½ ounces at a dose; **50**, Dr. Letheby, Pharm. J., 1846, p. 357, a girl, aged 28, took of a solution of 2 ounces, one-third at night and one-third next morning, for rheumatism in head and face.

Mind.—Emotional. Excitement after a glass of wine, as though he had taken too much (first day),[29].—Delirium,[35].—Depression of spirits (eighth day),[29a].—Depressed; she thinks she must die,[13].—Ennui, lachrymose mood, sad expression,[13].—Anxiety, frequently in the afternoon (after twenty days),[14].—Anxiety, with perspiration over the whole body,[13].—Anxious, weak, with perspiration on the pit of the stomach, in the afternoon till evening (after thirty days),[13].—Unusual feeling of anxiety,[36].—[**10.**] Very great anxiety,[32].—Frightful anxiety, with internal coldness, followed by faintness and death,[40].—Uneasy, apprehensive, fearful, sensitive, peevish,[14].—Inclined to vexation,[30].—Fretfulness,[9].—Fretful, ill-humored,[14].—Extremely fretful mood (ninth day),[28].—Fretful, peevish mood, in the evening (ninth day),[28].—Irascible,[37].—Perverse, hypochondriac mood; discontented with himself and the world, peevish, irritable, and completely disinclined to mental labor (fifth day),[23].—***Intellectual.*** [**20.**] Meditative and solicitous,[12].—Disinclined to think and exhausted, in the morning, with a feeling of warmth in the face and hot forehead,[15].—Disinclination for work (first day),[25].—Unless roused lay in a state of half stupor, but was quite rational, and capable of answering questions and giving an account of his case (after four hours),[45].—Partly stupefied, as in intoxication,[38].—Loss of consciousness,[39].

Head.—Confusion and Vertigo. Confusion of the head, nearly the whole day (eighth day),[29a]; in morning (second day); on waking (eighth day),[28].—Confusion of the head, with drawing in the side of the head and forehead, toward evening (fourth day),[22].—Confusion of the head, in the evening, with some oppression of the chest (eleventh day),[28].—Confusion of the head, almost like intoxication after a glass of Madeira (tenth day),[29].—[**30.**] Confusion in the forepart of the head, in the forehead (tenth day),[29a].—Confusion and throbbing in the forehead (ninth day),[13].—Gloominess, confusion of the head, difficult thought; everything is immediately forgotten,[15].—Tendency to vertigo, on stooping, as if he would fall forward (first day),[28].—Vertigo,[39].—Frequent attacks of vertigo, as if he would fall to the right side and backwards, while walking in the evening (previous to this he had taken a glass of strong beer),[26b].—Dizziness of the head, in the

morning, as after intoxication,[13].—Head dizzy and weak,[11].—***General Head.*** Dulness in the head and sleepiness (ninth day),[13].—Stupefaction and heaviness of the head, in the morning, as after intoxication,[14].—[**40.**] Heaviness of the head, and pain extending over the whole head,[9].—Feeling of heaviness in the head (after two hours),[15].—Feeling of looseness and sticking in the brain,[13].—Pain in the head and neck, lasting from evening through the night and the next day, especially affecting the left side,[14].—Headache,[9]; (eighth and twelfth days),[28]; in afternoon,[26c]; on entering a warm room,[26b]; on turning the head,[26d].—Headache, rather a confusion,[30].—Headache, with heat, increasing towards evening, lasting till 10 o'clock (first day),[28].—Headache in the morning, as after a night's debauch,[15].—Headache on waking, fulness of the abdomen, diarrhœa, with chilliness,[13].—Headache that prevents sleep the whole night still continues in the morning (after forty days),[13].—[**50.**] Headache, after dinner (twenty-first day),[13].—Headache, so that she was unable to eat (twenty-seventh day),[14].—The headache became almost intolerable on stooping,[14].—Tensive pain deep in the head, after dinner,[15].—Bursting pain in the head, with stitches in the left ear and clavicles, whence the pain extends into the elbows (twenty-second day),[14].—Drawing in the middle of the head, extending towards the right temple, lasting till evening, in the morning (fifteenth day),[28].—Headache, a pressure towards the middle of the head and towards the left temple, in the morning (second day),[28].—Pressive headache, especially in the frontal region (first day),[25].—Pressive headache in the morning; it afterwards extended to the occiput; in the evening there was increase of the heat in the head (third day),[28].—Pressive headache, especially in the afternoon (twelfth day),[15].—[**60.**] Pressive headache, mingled with stitches in the forehead (fourteenth day),[28].—Pressive headache, more on the right side of the forehead, mingled with suddenly piercing stitches, towards evening (fourth day),[28].—Violent pressive headache (sixth day),[28].—Violent pressive headache, more on the right side, towards noon, and especially from 1 to 4 P.M., disappearing after a half hour's nap (eleventh day),[28].—Pressive headache, in the evening (fourteenth day),[15].—Hacking and sticking in the head, with pressure about the eyes and sleepiness, together with increase of the pains,[14].—***Forehead.*** Feeling of heaviness and confusion in the forehead, lasting two hours,[13].—Feeling of heaviness and headache in the forehead (first day),[13].—Pain in the right side of the forehead, suddenly while walking, which soon extended towards the top of the head and thence into the occiput and both temples; the pain seemed to be seated in the scalp; first felt only on shaking the head, as when coughing, walking, etc., and the pain was indefinite in character; afterwards it gradually became more violent, and was felt on turning the head and even during rest; when most violent the skin of the forehead was painful as if bruised; together with painful pulsation in the occiput and temples; on firm pressure the headache was relieved so that it was scarcely felt; in the evening it had entirely disappeared,[26b].—Pain in the right frontal sinus, with stopped catarrh (fourth day),[25].—[**70.**] Contractive pains in the forehead and eyes that unite at the tip of the nose, where there is a digging-pinching,[14].—Dull pain in the forehead and top of the head, rather to the left side, quite violent and continuous till 10 in the morning, when it disappeared, but returned after dinner and lasted till evening,[26d].—Drawing through the forehead, in the evening (fifth day),[29a].—Headache in the region of the superciliary arch, after dinner,[9].—Pressure in the whole of the forehead, at times only dull piercing-sticking, in the morning (fourth day),[28].—Pressure

in the forehead above the root of the nose, and a feeling of tension in the skin of the forehead (third day),[23].—Pressure in the forehead the whole day, as if the eyes would spring out of the head, and as if little stones were lying about them,[14].—Slight pressure in the forehead (ninth day),[28].—Violent pressure in the forehead that extends to the eyes (thirteenth day),[28].—Violent pressure in the forehead, with great congestion to the head, at noon (first day),[28].—[**80.**] Tearing pressure in the right side of the forehead behind the eye, extending towards the occiput, worse after coffee, and also when walking, a rhythmical sticking, relieved while riding in a wagon (in the open air),[15].—Pressive pain in the frontal sinuses (seventh day),[25].—Violent pressive pain in the forehead (first day),[28].—Pressive headache in the forehead (after four hours),[28].—Violent pressive pain deep in the head behind the left eye (after ten hours),[15].—Pressive headache in the forehead (first day),[28].—Pressive headache in the forehead, especially severe over the right eye, in the morning immediately after rising; and a dull headache through the whole day (seventh day),[28].—Pressive headache in the forehead and occiput, towards noon, and especially towards evening (tenth day),[28].—Violent pressive headache in the forehead, lasting the whole day, with a beating in the occiput and temples (fifth day),[28].—Sticking and pressing-asunder in the left side of the forehead, on stooping,[15].—[**90.**] Sticking pain with rhythmical intermissions in the forehead behind the eyes, worse while walking, during rest only a few stitches at long intervals, the whole afternoon and evening,[15].—***Temples.*** Headache in the left temple and frontal region, with reeling, a feeling of vertigo, staggering, and anxiety, with perspiration,[13].—Drawing in the left temple and on the left eye (second day),[29a].—Pressive pain in the right temple,[15].—Fine sticking in the left temple, immediately after dinner (fifteenth day),[13].—Transient drawing stitches, more in the left than in the right temple (thirteenth day),[28].—Tearing in the left temple from time to time (eighth day),[14].—Tearing in the right temple from evening till morning, somewhat relieved by pressing upon it (after thirty days),[13].—***Vertex.*** Pain in the upper part of the head, gradually becoming more violent until I went out, when it disappeared (three-quarters of an hour after a dose),[26e].—Headache on the vertex, only in the morning on rising, for five days,[13].—[**100.**] Constrictive pain in the vertex, lasting two hours,[13].—Constrictive pain in the vertex, with heaviness of the head, in the afternoon and following night (after six days),[13].—Pressure on the vertex, aggravated by laying the hand upon it (third day),[14].—Pressure on the vertex as if a stone were lying upon it (seventh day),[14].—(The feeling of a weight on the vertex was so increased by taking the drug that the proving was abandoned),[27].—Some stitches on the left side of the vertex,[15].—Tearing and sticking in the vertex and occiput, cutting in the intestines, and at last evacuation of fæces, at first soft, afterwards only mucus, at 9 and 10 P.M.,[13].—***Parietals.*** Pain on the right side of the head near the crown, disappearing on laying the hand upon it; this painful spot, as large as the hand, felt hot to touch, even after the pain had disappeared,[26e].—Transient pains in the right side of the head (soon after a new dose),[26e].—Violent pain in the right side of the head from a slight draft of air,[26e].—[**110.**] Violent pain in the region of the left parietal bone, towards midnight, which was somewhat relieved after taking off the nightcap (after eight days),[26].—Tearing-drawing in the parietal bones and in the forehead, frequently returning, with confusion of the head (third day),[22].—***Occiput.*** Violent compression in the occiput, so that everything became stiff; afterwards pain in the nape of the neck like a

pulling on the hairs, extending to the shoulders, and with tension and stitches over the face and neck, impairment of swallowing, anxiety, and arrest of breathing, from 11 A.M. to 4 P.M. (third and fourth days),[14].—Headache in the occiput, relieved by binding up the hair,[14].—Drawing and tearing in the occiput, so that she could not move the head, with stiffness in the nape of the neck for an hour; followed after two hours by drawing and tearing in the scapulæ, with great weakness; she could scarcely lift her feet; together with coldness without thirst, heat at night without thirst or subsequent sweat (sixth day),[14].—Pressure and heaviness in the occiput, frequently (thirteenth day),[13].—Pressive pain towards the occiput, which gradually changes into stitches, which are aggravated by touch, even during rest, seeming like a rhythmical sticking,[15].—Violent pressive pain mingled with beating in the occiput, in the evening (ninth day),[28].—Sharp, almost tearing pain in the right side of the occiput,[26c].—A violent stitch in the left side of the occiput, during menstruation (after twenty-nine days),[13].—[120.] Burning-throbbing on the left side of the occiput, in the evening in bed,[13].—Jerking pain in the occiput, as if in the bone, and after three-quarters of an hour also in the hip-bone, where it only disappeared after a few hours, and at last alternated with tension behind the right ear; it continued the whole night,[15].—A certain coldness in the occiput was always associated with the pains in the head,[28].—***External Head.*** Profuse falling out of the hair (after thirty days),[13].—Small scurfy spots on the scalp, with itching (after twenty-eight days),[13].—Pain in a spot on the right side of the vertex, like a contraction in the scalp, in the morning after rising,[13].—Headache on the vertex, like a pulling of the hairs,[13].—Great sensitiveness of the scalp, which is painful to pressure (after five days),[14].—Great sensitiveness of the vertex to touch,[13].—Bruised pain and great sensitiveness of the vertex (second day),[13].

Eye.—[130.] Some catarrhal inflammation of the eyes, especially of the left, on waking in the morning (third day),[22].—Burning in the eyes and weakness as from sleepiness (sixth day),[13].—Burning and lachrymation of the eyes, in the morning (twenty-second day),[13].—Burning in the eyes, which are intolerant of light (after seventeen days),[13].—Burning in the outer canthi (third day),[13].—Violent burning of the eyes, in the morning after rising, disappearing after washing (fourteenth day),[13].—Violent burning in the eyes and lachrymation, in the morning after washing with cold water,[13].—Violent burning in the eyes, with redness of the canthi, for three days,[13].—Pressure in the eyes (sixth day),[29a].—Pressure in the eyes, and on pressing upon the ball, painfulness of the orbits (fourteenth day),[28].—[140.] Pressure in the right eye (second day),[29a].—Momentary pressure in both eyes at different times (fifth day),[29a].—Pressure shooting through both eyes, soon after supper (fifth day),[29a].—Slight pressure in the left eye (second day),[29a].—Painful pressure in the eyes, as if sand or dust were in them, the whole day (after sixteen days),[13].—Drawing pressure through the left eye and left side of the forehead, following an oblique course (seventh day),[25a].—Constant tearing in the inner canthi,[13].—Burning biting as from salt water, especially in the left eye (twenty-eighth day),[13].—Itching of the right eye, and constant acrid lachrymation, which runs over the cheek,[12].—Sticking itching on the inner angle of the left and on the outer angle of the right eye; itching on the right side of the neck, left upper arm, left side of the forehead, right side of the chest, etc. (ninth day),[29a].—***Orbit.*** [150.] Compressive pain in the orbits aggravated by pressing on the upper part of the eyeball (ninth day),[28].—***Lids.*** Lids of the right eye still red

with much itching (eleventh day),[28].—Inflamed redness and swelling of the right eyelid, burning in the external canthus of the same eye and pressive stitches (ninth day),[28].—With the headache the eyelids close,[14].—Agglutination of both eyes, in the morning (nineteenth day),[13].—Agglutination of the right eye with mucus, in the morning (fifteenth day),[13].—Pressure beneath the upper lid of the left eye, as from a hair,[14].—Sticking and burning in the lid constantly increased together with the headache, so that I was totally unable to work, on account of which I took Aconite 6th by olfaction, which somewhat relieved the pains (ninth day),[28].—Burning biting of the lids of the right eye; is obliged to rub them,[15].—***Lachrymal Apparatus.*** Much water constantly flows involuntarily from the right eye,[12].—***Ball.*** [160.] Pain in the left eyeball as if it were grasped and compressed from both sides, so that its long axis was increased, at 3 P.M., during dinner (second day),[29].—Pressure in the right eyeball (seventh day),[29a].—Very transient pressive pain in the right eyeball,[26e].—Slight pressure on the right eyeball at different times (ninth day),[29a].—***Vision.*** Loss of sight,[39].—Transient blindness,[16].—After taking saltpetre, the odor of camphor frequently makes it black before the eyes so that she can see nothing,[14].—Rings of variegated colors before the eyes, with good visual power, for two days,[14].

Ear.—Inflammation and swelling of the lobule of the right ear with violent burning and itching, so that he was obliged to scratch it; heat and redness of the lobule,[15].—Pain in the ears, a tension in the right meatus,[13]. —[170.] Tensive pain behind the right ear the whole day, with sticking behind the left ear, on diminution of the pain,[15].—Pressure from opposite sides in the ears and temples (third day),[23].—Sticking in the right ear, in the evening (fifth day),[29a].—Sticking in the right ear, so that she could not lie upon it at night (thirty-fourth day),[14].—Sticking in the ear, with headache (thirty-fifth day),[14].—Sticking behind the right ear as if deep in the head,[15].—Dull sticking pain in the right ear,[15].—A stitch in the right ear followed by twinging in it,[13].—Violent stitches behind the left ear, extending towards the articulation of the jaw,[15].—Tearing in the right meatus (seventh day),[15].—[180.] Tearing behind the ears for two hours (fourteenth day),[15].—Throbbing rhythmical with the pulse in the left ear (sixth day),[28]. —Tickling in the cartilage of the right meatus auditorius, in the morning in bed (ninth day),[29a].—Excessive itching in the external meatus (fifteenth day),[13].—***Hearing.*** Loss of hearing,[39].—Transient deafness,[16].—Rushing in the ears, as of running water (first day),[23].—Very slight dull hissing in the head (first day),[22].—Ringing in the ears,[11]; (thirty-seventh day),[13].—Great ringing in the left ear, in the evening (second day),[23].—[190.] Clear-toned ringing in the left ear,[13].—A pulsating roaring noise in front of the right ear,[26e].

Nose.—Objective. The skin of the nose is red as if inflamed,[12].—Tip of the nose inflamed (thirty-seventh day),[14].—An ulcer deep in the right nostril, that after several days is covered with a scab (after nineteen days),[13].—Sneezing in the morning without catarrh (tenth day),[29a].—Frequent sneezing (second day),[27]; (nineteenth and twentieth days),[14]; in evening, about 10 o'clock (ninth day),[29a].—Much sneezing almost immediately,[12].—(Violent sneezing, several times), (ninth day),[29a].—Violent sneezing, in the morning (thirtieth and fortieth days),[13].—[200.] Some drops of water run from the nose without catarrh,[12].—Catarrh with sneezing (soon after a new dose),[13].—Violent catarrh, with stoppage of the nose, loss of smell, and rough voice (eleventh and twelfth days),[13].—Stopped rather

than fluent catarrh, with burning externally about the nose,[12].—Catarrh now dry, now fluent, though constant,[13].—The catarrh flowed freely in the open air, less so in the house,[26b].—(The catarrh from which he suffered became unusually worse, from the right nostril clear water dropped, and the mucus was difficult to loosen),[26b].—Bleeding from the nose, without relief to the head, took place on the day following bleeding from the scurf on the tip of the nose,[14].—Bleeding from the nose three times in one week; the blood acrid like vinegar (after twenty days),[14].—Bleeding from left nostril when blowing the nose,[13].—[**210.**] Bleeding from the left nostril, immediately after rising, followed by relief of the headache,[26c].—Bleeding from the nose in the afternoon (after twenty days),[13].—Blowing of blood from the nose, soon after rising, followed by some nosebleed,[26c].—Clotted blood, or small balls of blood, come from the nose on blowing it (after seventeen days),[13].—***Subjective.*** Dryness of the nose and burning of the (usually) sore place in the nose (seventh day),[28].—Stoppage of the nose, with a disagreeable taste (third day),[28].—Stoppage of the nose with frequent sneezing (nineteenth day),[13].—Stoppage of the nose for two days, followed by discharge of purulent offensive mucus with sneezing (after forty-eight days),[13].—Burning about the nose with burrowing and clawing, aggravated by touch, with swelling of the right nostril, as if there were an eruption in it with want of air in the nose,[14].—Burning in the right nostril as if sore, when blowing the nose (fourth day),[13].—[**220.**] Clawing and burning about the wings of the nose,[14].—*Swollen feeling in the right nostril,* which is painful on pressure,[13].—*Sore pain in the upper part of the right nostril,* with sensitiveness to external pressure,[13].—The bones of the nose are painful, especially when taken hold of,[12].—Pain in the tip of the nose as if a pustule would form (sixth day),[14].—Itching in the left side of the tip of the nose, internally (eighth day),[29a].

Face.—Objective. Pale sickly expression,[13].—Face pinched and very anxious (after four hours),[45].—Paleness of the face as after long illness (after thirty days),[13].—Face, which was formerly red, became pale and collapsed as in cholera,[39].—[**230.**] Face sunken; pale, cold nose,[35].—Muscles of face convulsed (after a quarter of an hour),[42].—A visible jerking motion of the muscles of the face, especially by the eye and on the right side of the neck, during a light nap in the morning, about 8 o'clock; the first attack was in the region of the right articulation of the jaw; I was perfectly conscious, but afterwards on thinking about it I became fearful that it would develop into an epileptic spasm; and I fell to dreaming during the night that the eyes were tightly closed, and I ineffectually endeavored to open them during the attack and was obliged to open them by force with the fingers,[26d].—***Subjective.*** Feeling of heat in the face, without rapid pulse (after a few hours),[30].—Acute tearing in the bones of the left side of the face,[13].—***Cheeks.*** Tensive pain in the cheeks, with redness of them and increased throbbing in the head, as if in the middle of the brain,[15].—Stitches as with needles in the left cheek, followed by burning (thirty-eighth day),[14].—Tearing in the zygomata,[15].—Gnawing pain in the left upper jaw, close to the wing of the nose (fifth day),[13].—Jerking pain in the right zygoma, at night,[15].—[**240.**] Jerking pain in the upper jaw and zygomata,[15].—Intermitting jerking pain in the zygoma, extending towards the vertex the whole day, at times also in the wrist,[15].—***Lips.*** Twitchings of the muscles, whereby the mouth was distorted,[33].—***Chin.*** Drawing in the right side of the lower jaw (thirteenth day),[28].—Pressure and dull sticking pain in the right articulation of the jaw on

moving it and on swallowing (fifth day),[15].—Tearing, first in the right side of the chin, then beneath the right external malleolus, while sitting,[13].—Tearing in a narrow streak in the middle of the base of the right lower jaw (ninth day),[29a].—Tearing in the left lower jaw extending into the head, with toothache in the same row, relieved by pressure and lying upon it, in the evening in bed,[13].—Drawing tearing in the left side of the lower jaw, and in a hollow tooth of the same side (sixth day),[29a].—Sticking tearing between the mastoid process and the angle of the lower jaw of the right side (ninth day),[29a].

Mouth.—Teeth. [250.] Looseness of an upper back tooth, followed by ulcerative pain the whole day,[13].—Feeling of tightness in the hollow lower wisdom tooth of the left side, perceptible during sleep (sixth day),[29a].—Grumbling in a diseased upper back tooth, as if air streamed in and out of it,[13].—Boring toothache, with pressure in the head, and at one time heat, at another coldness; towards noon, better in the evening,[14].—Drawing and sticking toothache, now in the right side, now in the left, in the upper back teeth, in the open air as in the house,[15].—Stitches in a hollow tooth when touched, wherewith the gum is inflamed, swollen, red, and painful, and bleeds easily (after twenty days),[14].—Tearing toothache, with tearing in the head, from morning till noon,[14].—Violent tearing in a left upper tooth,[13].—Shooting tearing in the upper incisors, in the open air, in the evening and next morning (after thirty-ninth day),[13].—Ulcerative pain in the upper, especially the back teeth (after eight days),[13].—[260.] Throbbing toothache wakes him at 3 in the morning and at midnight from sleep, aggravated by cold, unchanged by warmth,[13].—Throbbing toothache in the left upper row, in the evening while walking in the open air (seventeenth day),[13].—Jerking pains in the teeth (eighth day),[15].—Jerking toothache in the left upper row, like an ulceration,[13].—Jerking toothache in a left upper back tooth,[15].—Frequent jerking in the upper back teeth,[13].—The toothache is aggravated on drawing in the air and extends into the incisors,[15].—***Gums.*** Swelling of the gum externally of the right upper teeth with great painfulness,[13].—The gum on the inside of the right upper teeth seems swollen, with violent throbbing in it,[13].—A scorbutic condition,[17].—***Tongue.*** [270.] Tongue coated white (first and seventh day),[25].—Tongue coated white as far as the tip (seventh day),[29a].—Tongue coated very white (thirteenth day),[28].—Tongue covered with a white mucous coat (after 5 grains),[5].—Tongue red, but quite clean (after four hours),[45].—Small burning pimples on the tip of the tongue, aggravated in the evening (after fourteen days),[13].—A burning blister on the tip of the tongue (after eighteen days),[13].—Dryness of the tongue and mouth, in the morning (sixth day),[24].—The tongue burns at the tip and anterior surface as if sore (cut), in the evening (fifteenth and sixteenth days),[13].—Violent sticking followed by burning in the right half of the tongue,[26b].—***General Mouth.*** [280.] Coated mouth in the morning (third day),[13].—Offensive odor from the mouth, which she does not notice herself,[13].—Small painful swelling on the right side of the palate,[26c].—Dryness of the mouth without thirst, disappearing after breakfast (eleventh day),[13].—Sleep interrupted several times by dryness of the mouth, causing thirst (first night),[25].—Dryness of the mouth and tongue and great thirst woke him after midnight (third night),[21].—Unusual dryness of the mouth, so that he was frequently obliged to drink before and after dinner (after 9 grains),[8].—Coldness in the mouth extending to the stomach, immediately (after 9 grains),[5].—***Saliva.*** The salivary glands, especially the submaxillary, were enlarged, hard, and pain-

ful; the secretion of saliva increased, with constant heaviness and pain over the whole head and weakness of the whole body (second day),[9].—Increased secretion of saliva in the mouth (after 7 grains),[6].—[290.] Accumulation of water in the mouth (first day),[22]; after taking a little bread, at 2 P.M., at which time he was very hungry, though he had eaten two hours previously,[26b].—***Taste.*** Disagreeable taste,[28].—Disagreeable taste and increased secretion of mucus, raised only by hawking (fifth day),[28].—Disagreeable, nauseous taste in the mouth, the whole day (after eighteen days),[13].—Nauseous taste, persistent even after drinking water and cocoa (thirteenth day),[28].—Taste disgusting (soon),[28].—Sweetish, nauseous taste (soon),[30].—Sour taste in throat, in morning after rising,[13].—Disagreeable sourish taste (fourteenth day),[28].—[300.] Acid taste, soon (after 7 grains),[6].—Disagreeable, acid taste, after breakfast (second day),[28].—Loss of speech,[16 39].

Throat.—Hawking of mucus in the afternoon, with expectoration of a piece having the form and consistence of liver, of a sweetish taste,[13].—Pain in the throat (fourth day),[25].—Burning in the throat for three days, relieved for only a short time by cold drinks,[13].—Frightful burning in the throat, stomach, and intestines,[39].—Pressive pain in the throat like commencing inflammation, lasting twenty-four hours (after nine hours),[15].—Cutting pain in the throat, as if in the larynx, with impeded swallowing (after eight days),[14].—Sticking pain in the throat, in the morning on rising, also externally on pressing on the larynx and on eating,[13].—[310.] Sticking pain in the throat, aggravated by swallowing,[13].—Sticking in the middle of the throat and fauces, when swallowing,[15].—Sticking pain in the left side of the throat when swallowing and speaking, relieved by taking food (sixteenth and seventeenth days),[13].—Sore throat day and night, with inflammation of the arch of the palate and uvula for four days (after ten days),[13].—Sore throat at night, very violent, as if the throat would grow together, and as if she could not get air through it,[13].—Sore pain in the throat (third day),[25].—Rawness in the throat immediately,[13].—Rawness in the throat, with hoarseness and burning in the pharynx like heartburn,[13].—Rawness and scraping in the throat; she was frequently obliged to hawk, which caused pain in the chest; in the evening and morning (after eight days),[13].—Rawness in the choanæ, as if coryza would occur (first day),[22].—[320.] After the most violent paroxysms of cough there was frequently experienced scraping in the throat, as from acidity of the stomach (from which I had never before suffered),[26b].—Tickling in the throat; he was obliged to hawk, but raised nothing,[13].—***Uvula and Tonsils.*** Uvula and tonsils red, with painful swallowing of saliva, aversion to smoking, and general prostration, towards evening (second day),[25].—***Œsophagus.*** Glutinous sensation in the œsophagus, as though the mucous membrane were covered with a thick glutinous jelly (fifth day),[24].—Soreness of the œsophagus so great, that for five days she was unable to swallow irritating food or drink,[11].—She swallowed very easily whenever she ate,[13].

Stomach.—Appetite. Good appetite in spite of all the troubles and pains (after thirty days),[14].—Incessant desire to eat and drink,[51].—Ravenous hunger returned between 10 and 11 A.M., and alternated with some cutting pain in the region of the umbilicus (after 9 grs.),[8].—Ravenous hunger, without real desire for food, together with increased thirst (after two hours),[9].—[330.] Violently ravenous hunger, in the forenoon (after 7 grs.),[8].—A kind of ravenous hunger without real appetite, towards evening (fifth day),[28].—A kind of sensation of hunger, no real appetite, followed by a real aversion to food the whole morning (over three hours), with white-

coated tongue, so that my coffee was not taken, contrary to habit; at 10 A.M., with real appetite, bread and butter was so much relished that without intending it I ate a piece more than usual, after which I felt very well (tenth day),[29].—Diminished appetite,[17]; (after 7 to 8 grs.),[6].—Loss of appetite and much thirst (fifth day),[24].—(Loss of appetite with increased hunger!), (second day),[9].—Appetite bad (seventh day),[25].—No appetite (first day),[25].—No appetite in the evening though I had eaten nothing, yet the supper tasted very good, of which I ate largely (tenth day),[29].—No appetite, though she eats from habit without difficulty,[13].—[340.] Appetite completely suppressed,[9].—***Thirst.*** Thirst in the afternoon with burning in the throat, disappearing after drinking water (twentieth day),[13].—Thirst, during menstruation (nineteenth day),[13].—Thirst without remarkable appetite,[12].—Increased thirst (after 11 and 13 grs.),[7].—Much thirst (first day),[25]; (third day),[24].—Much thirst but no appetite for breakfast (seventh day),[25].—Great thirst (second and third days),[9].—Great thirst, constantly,[9].—Violent thirst,[9].—[350.] Drank a good deal of water,[49].—Loss of thirst, with good appetite almost every day,[13].—***Eructations.*** Eructations the whole day (seventh day),[25].—Eructations and nausea,[9].—Eructations and a feeling of warmth in the stomach (immediately), (first day),[25].—Repeated eructations (after a quarter of an hour); recurring (after two or three hours); repeated (after every dose),[24].—Frequent eructations and nausea (soon),[9].—Violent eructations (immediately),[9].—Eructations of air (first and second days),[23].—***Hiccough.*** Hiccough in the morning fasting (fourteenth day),[13].—***Heartburn.*** Heartburn,[9].—[360.] ***Nausea and Vomiting.*** Nausea in the morning in bed (seventh day),[29a].—Nausea woke her from sleep at night and only disappeared after much gulping up of mucus,[13].—Nausea and shivering for some time after the dose (third day),[23].—Feeling of nausea in the stomach, with burning and pressure (second day),[23].—Nausea and inclination to vomit, lasting five hours (one hour after 9 grs.),[5].—Nausea, followed by difficult vomiting and diarrhœa,[33].—Nausea and painful vomiting,[41].—Nausea, frightful retching, vomiting and purging,[36].—Qualmish nausea in the stomach, and painful movings about in the abdomen, followed by diarrhœa,[13].—Qualmish nausea in the stomach (soon),[13].—[370.] Qualmish nausea with pressure in the stomach and aversion to food, at 5 A.M., in bed,[13].—Qualmish nausea in the afternoon, followed by eructations from the stomach, retching, and then uprisings of bitter water, which afford relief, repeated after half an hour and in the evening (after fifty days),[13].—Qualmish nausea in the stomach with uprisings of water,[13].—Qualmish nausea and retching,[13].—Qualmish nausea, trembling of the whole body, headache pressive and as if beaten, retching in the throat, burning in the eyes, weakness as if sleepy,[13].—Qualmishness in the stomach, with accumulation of water in the mouth (during menstruation),[13].—Qualmishness and accumulation of water in the mouth, soon after supper, relieved by eating again (sixth day),[29a].—Qualmishness and nausea in the pit of the stomach in the evening (seventh day),[29a].—Qualmishness in the stomach with nausea and a feeling of heaviness, in the evening after soup (sixth day),[29a].—Painful retching about the umbilicus, with nausea, while walking after dinner,[15].—[380.] Vomiting,[34 35]; (a few minutes after second dose),[50]; (after a quarter of an hour),[42].—(Vomiting towards evening, after taking a glass of beer), (fifth day),[24].—Vomited immediately, constantly, so that she was unable to take the least thing (second day),[48].—Vomited freely (after ten minutes),[45].—Violent vomiting,[17 18 44].—Violent vomiting, but no purging, as far as could be ascertained,[43].—Violent, painful vomiting with diarrhœa,[38].—Vomiting

of blood,[18].—Frequent vomiting of bloody mucous fluid (after four hours),[45].—Vomiting, at first of mucus and water, afterwards of bloody mucus,[13].—[390.] The ejecta from the stomach were mixed with much dark blood,[36].—Vomiting, first of contents of stomach, and then of blood; a good deal of fluid and clotted blood of a purplish color was ejected; continued vomiting for four hours, during which she must have drunk and vomited above two gallons; for six hours afterwards she took nothing; but then again became sick, and vomited repeatedly for three hours; ejecting grumous blood, both fluid and clotted,[37].—***Stomach.*** Inflammation of the stomach,[17].—Distension of the epigastric region, tasteless eructations, and once accumulation of water in the mouth like waterbrash, with no appetite, thirst, and white-coated tongue (second day),[25].—*Faintlike weakness about the pit of the stomach*,[13].—An irritable condition of the stomach and intestines and of the urinary organs continued for a long time after the attack,[39].—Heaviness and fulness in the region of the stomach (second day),[9].—Disagreeable feeling in stomach as if something were turning about in it; in morning after rising,[13].—Feeling of coldness in the stomach,[17 32].—Feeling of coldness and pain in the stomach, followed by sharp, sticking pains, not only in the stomach but through the whole body, which became so violent that for fifteen minutes he could not take a deep breath without the most acute pain on every inspiration,[10].†—[400.] Icy coldness in the stomach, with pain when touched; disappearing after lying down in the evening; with qualmish nausea and uprisings of water; also afterwards in the twentieth morning, after milk-broth, though without qualmishness,[13].—Pain in the stomach,[17 18 33].‡—Pain in left portion of epigastric region, only when walking,[26e].—Pain in stomach as if disordered, though without efforts to vomit (after fifty days),[13].—Painful sensation in pit of stomach and epigastric region, on taking a deep breath and on blowing nose,[15].—Violent pains in the epigastric region, immediately,[36].—Violent pain in stomach and whole body, immediately,[11].—Cardialgia,[41].—Slight sense of heat in the epigastrium,[49].—Sense of burning heat and severe pain at pit of stomach (after a quarter of an hour),[42].—[410.] Burning in the stomach followed by pressure in the epigastric region, immediately after a new dose (seventh day),[25].—Frightful burning in the stomach,[35].—Severe burning pain in her stomach, immediately (after second dose),[50].—Extreme burning pain in epigastrium, much increased on pressure (after four hours),[45].—Long-lasting pain and soreness of the stomach, attended with much flatulence and flux of saliva in the mouth,[18].§—Pressive burning pain in the epigastric region, which gradually increased, and at last became a dull boring pain (immediately); after half an hour a cutting pain along the tract of the intestines, so that it seemed as though he could follow the action of the drug in the bowels; at the same time, profuse emission of flatus and desire for stool, with heartburn and some heat over the whole body; after an hour, a normal stool,[9].—Feeling as of fire in the stomach,[41].—Burning fire in the stomach,[33].—Feeling of fulness in the stomach,[25].—A fulness with loss of appetite disappeared only towards 5 P.M., after a thin, scanty stool, after which I had great appetite (tenth day),[29].—[420.] Great fulness after dinner, followed after three hours by pain in the stomach, as though something heavy were lying in it, lasting till evening (sixth day),[25].—Tightness of the pit of the stomach as from

† After taking an ounce in eight doses, one every hour and a half.—HUGHES.
‡ Falconer (No. 18) is "pain in the stomach extending to the bowels."—HUGHES.
§ Revised by Hughes.

painful contraction, while walking and standing in the morning,[13].—Inclined to cramp in stomach,[17].—Griping in the stomach, soon after a dose (third day),[23].—Twinging in the stomach, with nausea and accumulation of water in the mouth for several minutes, soon after supper (fifth day),[29z].—Momentary twinging in the stomach, while drinking cocoa (tenth day),[29a].—Pressure in the stomach,[9 31]; (first day),[28].—Pressure in cardiac extremity and base of stomach (after forty minutes),[9].—Pressure and burning in stomach increased, with thin stools (second day),[9].—Pressure in the epigastric region (first day),[25].—[430.] Feeling of pressure in the pit of the stomach (seventh day),[25].—Pressure in the stomach relieved by eructations, in the morning (fifth day),[23].—Pressure in the pit of the stomach for two hours, in the afternoon (eighteenth day),[13].—Pressure and gnawing in the pit of the stomach, which is also painful to external pressure (twenty-second day),[13].—Pressure in the pit of the stomach from without inward as from a knob, also with sensitiveness to external pressure, immediately after dinner (twentieth day),[13].—Pressure in the stomach and chest, so united that it was difficult to distinguish which was really the suffering part (fourth day),[22].—Pressive pain in the posterior and upper portion of the epigastric region, near to and behind the cartilages of the ribs, which extends almost to the pit of the stomach, only when walking; this pain returned next day in the upper portion of the left half of the epigastric region while walking, towards noon, not felt in the afternoon and evening even while walking rapidly,[26d].—Pressive pain in pit of stomach,[15].—Cutting stitches in pit of stomach and upper abdomen after breakfast,[15].—Sensitiveness of the stomach, with accumulation of water in the mouth, during menstruation,[13].—[440.] Epigastric region very painful and sensitive to the slightest touch (second day),[36].—Became almost faint from the gnawing and burning pains at the scrobiculus cordis; not continual, but violently spasmodic,[37].—A sensation of the distant beating of the pulse in the epigastric region, towards the cardiac extremity (after eight minutes),[9].

Abdomen.—Hypochondrium. Stitches beneath the short ribs and accumulation of flatulence; the pains cease on the emission of flatulence (sixth day),[29a].—Stitches beneath the right short ribs, in the side extending to the back, as if behind the liver,[15].—Some stitches in the left side beneath the ribs, from afternoon till evening (first day),[15].—*Colic*, griping beneath the left short ribs (descending colon), extending into the epigastric region (transverse colon), worse when standing and walking, relieved or removed by crouching together; pressure upon the descending colon increased the pains, and after the crouching they were also again felt (seventh day),[29a].—Pain in the left hypochondrium as after a violent blow; with pains in the small of the back, which were frequently so violent that she could not lie, followed by leucorrhœa for eight days; which together with the pains in the back ceased soon after the menses,[14].—***Umbilical and Sides.*** Griping in the umbilical region after soup (sixth day),[29a].—Griping in the umbilical region from accumulation of flatulence, disappearing after the emission of flatulence, in the evening (fifth day),[29a].—[450.] Griping in the umbilical region followed by some flatulence and the evacuation of a thin clear stool, after eating (sixth day),[29a].—Griping about the umbilicus with emission of flatulence, followed by relief in the head (eighth day),[29a].—Griping about the umbilicus and beneath the short ribs of the left side, followed by frequent emission of flatulence, without entire relief from the pain, in the morning in bed (seventh day),[29a].—Griping and cutting in the abdomen before a normal stool,[13].—Transient cutting in the umbilical region, with a

feeling as though he was frequently obliged to go to stool, remaining unaffected by the usual stool, but with frequent and profuse emission of urine (after 14 grains),[8].—Distension and sticking in the left side of the abdomen, relieved by bending together,[13].—Sudden shocks in the left side of the abdomen as from something alive,[13].—***Abdomen.*** Inflammation of the intestinal canal ran a violent course for eighteen days, causing death,[38].—Abdomen swollen, but soft all over, and very tender to the touch (second day),[48].—Distension of the abdomen and emission of flatus (with desire for stool), soon after a new dose,[13].—[**460.**] Distension of the abdomen, even almost to bursting, in the evening,[13].—Great distension of the abdomen and emission of much offensive flatus with the ordinary stool (twentieth and twenty-first days),[13].—Abdomen distended (after 7 grains),[6].—Abdomen distended and much rumbling and emission of flatus (fifth day),[24].—Abdomen somewhat distended, in the afternoon, much emission of flatus about 4 o'clock, which was frequently repeated till late in the evening (first day),[24].—Abdomen distended, tense (fifth day),[15].—Rumbling in the abdomen without stool, from morning till evening (twenty-ninth day),[13].—Rumbling in the abdomen, followed by desire for stool without result; frequent emission of flatus (third day),[24].—Rumbling in the abdomen, with griping extending up into the stomach, which was sensitive externally, and as far down as the left side of the abdomen, where it was a sticking, with distension, frequent emission of flatus and a feeling as though diarrhœa would occur, for two hours (after thirty-eight days),[13].—Very loud rumbling in the whole intestinal canal without pain, towards noon (first day),[24].—[**470.**] Violent rumbling in the abdomen without colic or stool (after 13 grains),[7].—There began to be movings about in the abdomen (after twenty-five minutes),[9].—Urging of flatulence and a feeling as though diarrhœa must ensue; with the flatulence there is an evacuation, but only of a few drops of a very thin fluid (second day),[23].—Emission of flatus and rumbling in the abdomen (first day),[23].—Emission of much flatus in the evening, with scraping in the rectum,[15].—More profuse and more offensive flatus than usual,[2].—Much offensive flatulence (fourth day),[22].—Feeling of emptiness in the region of the transverse colon,[15].—Pain in the abdomen,[18 34].†—Pain in the abdomen and small of the back, during menstruation,[13].—[**480.**] Severe pain in abdomen,[43].—Violent pain in the abdomen, followed by emission of flatus,[15].—Violent pain in the abdomen, especially in the right side, after eating veal; ending after two hours with pressive pain in the stomach with a feeling of emptiness in it; after some hours again cutting pain in the abdomen, diminishing, but continuing all night,[15].—Frightful pains in the abdomen that cannot be relieved,[41].—Excruciating pains in the abdomen,[33].—Burning pain in the abdomen while sitting bent over, extending to the small of the back, disappearing on rising up (twenty-first day),[13].—Feeling of fulness in the abdomen (after 8 grains),[5].—Fulness in the abdomen, no desire for food, though it was eaten with relish (first day),[29].—Griping in the region of the transverse colon (first day),[23].—Griping, afterwards sticking pains in the abdomen and small of the back, especially in the morning and evening (eighth day),[13].—[**490.**] Griping pain in the whole of the abdomen in the evening, with rumbling; it extends up to beneath the left breast, where it is a sticking,[13].—During menstruation (which was increased) griping in the abdomen,[13].—The usual stool preceded by griping and pains in the abdomen and small of the

† See note to S. 401 —HUGHES.

back,[13].—Griping in the abdomen with accumulation of flatulence, noticed during sleep (sixth day),[29a].—Griping movements in the abdomen without desire for stool, frequently intermitting (fourth day),[13].—Frequent griping here and there in the abdomen (fifth day),[13].—Griping colic with soft stool (twelfth day),[28].—Slight drawing in the abdomen, after supper (seventh day),[28].—Disagreeable drawing sensation in the small intestines (after 9 grains),[33].—Dull burning pressure here and there in several parts of the abdomen above the umbilicus,[13].—[500.] Cutting in the abdomen in the morning and evening, for several days,[13].—Slight cutting in the small intestines (one hour after 7 grains),[3].—Cutting colic in the small intestines, like that frequently felt when the intestines are too full of air (after 5 grains),[5].—Violent cutting colic (after 13 grains),[7].—Sudden violent painful stitches in various parts of the abdomen, in the evening (tenth day),[13].—Constant tearing pains in the intestines (second day),[36].—Most violent tearing pains in the colon, soon extending to the whole intestinal canal and causing cramp in the stomach, immediately,[38].—Colic without evacuations,[9].—Transient colic in the forenoon and afternoon (after 7 grains),[8].—***Hypogastrium and Iliac Regions.*** Violent tearing-burning, as if deep in the pelvis, in the evening, worse during rest than motion; it also seems to be in the hip-joint, or hip-bone,[15].—[510.] Sticking and burning in lower abdomen, and also in the rectum, after dinner, aggravated by motion (tenth day),[13].—The pubic region is painful to touch (third day),[23].—During menstruation, burning in right groin, while sitting bent over,[13].—Violent contractive pain in left groin, when walking; she was frequently obliged to hold it drawn inwards; it almost took away her breath; followed by a semiliquid stool, with mucus, and cessation of the pain; the pain was frequently a sticking; in the evening (eleventh day),[13].—Dragging and pressure towards the abdominal rings (fifth day),[15].—Feeling of compression or pressure above the left ilium, while walking (sixth day),[13].—Sticking in middle of both ilia, while sitting,[13].—Painful sticking in left inguinal region, extending outwards through the ilium, while walking,[13].—Violent stitches in right groin, and at the same time, in the ilium (eighth day),[13].

Rectum and Anus.—Objective. The hæmorrhoids in the rectum became enlarged, with sticking pain (fifth day),[15].—[520.] The hæmorrhoids are more protruded, though without pain, and soon again become smaller (thirty-sixth day),[13].—Discharge of blood from the anus with a hard stool, but without pain (twenty-fourth day),[13].—Discharge of blood from the anus as well as from the vagina (after the miscarriage); on the second day the diarrhœa as also the lochia were less, but on the third both returned more violent than ever, and in the stool there were what seemed to be membranous portions of the intestines mixed with blood,[11].—***Subjective.*** Pressure and tenesmus in the anus during a normal evacuation (after 5 and also after 6 grains); with emission of flatulence (after 7 grains),[6].—Burning pressure in the anus when not at stool (twenty-seventh day),[13].—Itching in the orifice of the anus (sixth day),[29a].—Frequent desire for stool and frequent pressing and dragging towards the anus, associated with frequent emission of urine, repeated after different doses,[1].—Great desire for stool, not relieved by a normal evacuation, but lasting the whole day, with frequent but scanty emission of urine,[9].—Urgent desire for a normal stool, twice in succession, preceded by sticking, griping in the abdomen, and extending thence backward to the small of the back, as from flatulence, in the morning after waking,[13].—Ineffectual desire for stool (tenth day),[13].

Stool.—Diarrhœa. [530.] *Diarrhœa*,[34 41]; (fourteenth and twenty-

seventh days),[13].—Diarrhœa frequently alternates with the stools (first day),[13].—Very urgent desire for stool, and diarrhœa, in the morning (eighth day),[29a].—Diarrhœa with violent pains in the abdomen,[17].—Diarrhœa preceded by cutting in the abdomen (twentieth day),[13].—Diarrhœa and almost griping about the umbilicus, only seldom remitting (forty-first and forty-second day),[13].—Dreadful diarrhœa, with awful griping, and bloody stools (after a week),[48].—Diarrhœa four or five times in the day, followed by smarting in the anus; after some thin stool is passed once, it seems as though the orifice of the anus became stopped (hæmorrh. saccat.), which caused a disagreeable sensation; after prolonged and great urging very little passed, feeling like hardened fæces, with relief of the tenesmus (sixth day),[29a].—Diarrhœa twice (fourth day),[14].—Diarrhœa twice, with emission of much flatus,[13].—[**540.**] Diarrhœa of a bright-yellow color twice after a normal stool (ninth day),[29a].—Purging (after a quarter of an hour),[42].—Violent purging,[44].—Soft diarrhœa-like stools, preceded by rumbling and noises in the intestines (sixth day),[15].—Several diarrhœa-like stools without colic,[12].—Three diarrhœa-like stools (second day, after 13 grains); followed by constipation,[7].—Two diarrhœa-like stools without much pain in the abdomen (after 14 grains),[7].—Several thin evacuations of the bowels (after 7 grains),[8].—Soft stool several times (fourth day),[22].—Bowels opened three times within three or four hours,[49].—[**550.**] Three pasty stools; with the third evacuation in the evening there was associated a slight cutting in the whole intestinal tract, which lasted two hours and gradually disappeared (after 10 grains); next day the evacuation was hard, not copious (after 12 grains); on the following day, three thin evacuations (after 13 grains); next day, four watery evacuations (after 15 grains),[4].—Two very thin stools towards evening (after two normal evacuations in the morning), (after 9 grains),[8].—Frequent urging to stool, followed by two thin evacuations preceded by cutting colic (after 7 grains),[5].—Two soft stools, and once diarrhœa, followed by tenesmus (twenty-ninth day),[13].—Two soft stools in one day, with violent griping beneath the umbilicus, extending up into the chest, where it became a sticking,[13].—Two very soft stools in the evening, preceded by painful griping in the abdomen and desire for stool,[13].—Evacuation consisting of small, thin, followed by some consistent fæces, with a feeling as if something should be expelled; afterwards, again a very soft stool preceded by urging; all this alternated very speedily, and the evacuation ceased as if cut off; at 7 A.M., scarcely an hour after the dose (second day),[29].—Profuse thin evacuations from the bowels, for several days,[11].—Slimy evacuations for three days,[15].—The evacuation of the bowels was thinner than usual (after 9 grains),[3].—[**560.**] Soft stool, immediately,[13]; (after one hour),[31].—Soft stool after dinner, followed by burning and sticking in the anus, so that she was unable to sit,[13].—*Stool soft or diarrhœa-like*, with rumbling and moving about (first day),[13].—Soft stool preceded by griping and cutting in the abdomen (thirty-fifth day),[13].—Soft stool, unsatisfactory, at the usual time (second day),[23].—Evacuation straw-yellow (first day),[29a]; in morning (third day),[29a].—Stool covered with mucus (twenty-fifth day),[13].—Bloody stools,[17].—Evacuation of the bowels mixed with blood, with tenesmus,[39].—Indolent stools (fourth and fifth days),[15].—[**570.**] Stool in the evening with great pressure (nineteenth day),[13].—Normal stool, though in thin pieces twice, with great pressure (first day),[13].—Stool later than usual (third day),[22].—Stool scanty and thin (tenth day),[29].—An unsatisfactory though not hard stool, preceded by much urging and the evacuation accomplished

with great pressure, followed by disappearance of the feeling of fulness in the abdomen (first day),[29].—Stool more hard than soft (after fourteenth day),[13].—Stool hard (fourth day),[25].—Stool hard, with great pressure, at 3 P.M. (fourth day),[24].—Hard stool three times (ninth day),[13].—Hard stool twice towards evening, with swelling of the hæmorrhoids (thirty-fifth day),[13].—[580.] Hard stool in the evening for the second time, preceded by sticking in both groins, afterwards also in the anus, repeated next morning,[13].—Hard stool in the evening, with great pressure and sticking in the pudenda,[13].—Frequent urging in the rectum, and a hard stool followed in the evening (sixth day),[24].—Hard stool, followed by burning in the anus (eighth day),[13].—Hard stool formed like sheep-dung,[15].—Stool unusually hard, followed by discharge of blood from the anus,[26b].—Frequent sensation as though a thin stool would occur, but the stool the next morning was very hard (seventh day),[25].—Desire for and sudden evacuation of a thin stool, after which the dragging and desire do not seem to disappear, but continue till at last some scanty hard fæces pass (seventh day),[29a].—***Constipation.*** Hard difficult stool (fifth day),[15].—Hard stool, with such exertion that the rectum protrudes (after fifteen days),[13].—[590.] Stool omitted (fifth day),[24].—The usual stool in the evening omitted (third day),[24].—The stool omits for one or two days,[13].

Urinary Organs.—Urethra. Burning while urinating (seventh day),[28]; (eighth day),[13].—**Burning in the urethra while urinating, and greatly diminished urine* (after fifty days),[13].—Burning in the forepart of the urethra during micturition (first day),[25].—Burning in the orifice of the urethra while urinating (seventh day),[25].—Burning pain at the close of micturition (third day),[23].—Fine stitches in the orifice of the urethra,[15].—Acute stitches in the region of the prostate gland while urinating,[15].—[600.] Biting in the urethra, during micturition (third day),[23].—Shivering and tickling in the orifice of the urethra (fourteenth day),[28].—***Micturition.*** Some desire to urinate (after forty minutes),[9].—Increased desire to urinate; he was obliged to urinate every ten minutes, but passed only a little at a time, nevertheless it was more copious than usual (after one hour),[9].—Frequent desire to urinate, with emission of much offensive flatus (after 8 grains),[2].—Frequent desire to urinate, with a dull painful feeling in the region of the kidneys, and increased thirst (after 13 grains),[7].—Frequently recurring desire to urinate, with discharge of only a little urine (after 10 grains),[6].—**Urging to urinate, at first only a few drops, then the usual stream, frequently* (twenty-third day),[13].—Increased micturition, even at night, with a hard stool (first day),[13].—Frequent emission of yellow, transparent urine,[9].—[610.] Frequent and profuse emission of urine (after 8 grains),[2].—Frequent and profuse micturition, the urine is as clear as water,[26b].—When this prover had several thin evacuations from the bowels there was no marked action upon the urine (after 7 grains); but while there was no action upon the bowels, and the stool was regular, he was obliged to urinate frequently (after 10 and 12 grains),[8].—Copious emission of urine, which was dark and red; after several hours there was deposited a sediment, which when disturbed rose in a cloud; after other doses there was increased secretion of urine, with frequent urging to stool, and also pressing and dragging towards the anus; this was repeated after different doses,[1].—Copious emission of urine, which was watery, passed every two hours during the day, and almost every hour in the afternoon and evening (after 12, 13, and 15 grains),[4].—Profuse evacuation of urine (after 13 grains),[7].—Urine passed three times, about 2 ounces each time, during five

hours,[9].—Urination to the extent of 7 or 8 pints, during the night,[51].—After the symptoms of irritant poisoning had abated, the patient passed upwards of a gallon of urine every night, which was found to contain sugar,[47].—Strangury with discharge of bloody urine,[39].—***Urine.*** [620.] Increased secretion of urine,[17]; (first day),[13].—Increased secretion of urine, with drawing and rather acute pain in the lumbar region, aggravated on moving the body; this pain began in the morning and continued till evening (after 11 grains),[7].—*Urine increased for several days* (sixteenth day),[13].—Urine more copious and passed more frequently than usual; the color was brownish-yellow (after 9 grains),[8].—Secretion of urine more copious than usual (after 5 grains); next day, a reddish cloud formed on standing (after 6 grains),[5].—**Urine diminished* (first day),[25]; (after ten days),[13].—Urine dark-yellow (sixth day),[28].—Urine reddish (third day),[23].—Urine dark-colored and depositing a brickdust sediment (first day),[28].—Reddish cloud in the urine, which was increased in quantity (second day),[13].—[630.] Urine very turbid, soon depositing a yellow sediment (fourth day),[25].—Slight mucous sediment in the urine (after 7 grains),[7].

Sexual Organs.—Male. Erections in the morning in bed (twenty-seventh day),[13].—Erections on waking in the morning, with great desire for coition, which at a very unusual time (for it had been indulged in the day previous), was effected "maxima cum voluptate" (eleventh day),[29].—Erections at noon without voluptuous thoughts (seventeenth day),[13].—Prickling sticking in the glans penis (fourth day),[22].—An itching stitch in the penis in the afternoon, while sitting (thirty-second day),[13].—Smarting of the orifice of the prepuce, also some smarting when urinating (sixth day),[28].—Frequent itching sensation in the glans penis (seventh day),[25].—Painful swelling of the left epididymis, as large as a hazelnut, behind and below the testicle (third day),[23].—[640.] After unsatisfied sexual desire in the morning, violent drawing tension and pressure in both testicles and along the spermatic cords into the abdomen, lasting several hours; therewith the testicles were very painful; even in the evening there was still tension in them, extending into the spermatic cords,[15].—Sensitiveness of both testicles, which are drawn up with a pressive sensation in them (third day),[23].—Increased sexual desire,[15].—Great inclination to coition, with great sexual enjoyment (second day),[29a].—***Female.*** Abortion at the second month,[11].—Leucorrhœa, thin, white, stiffening the linen, with bruised pain in the small of the back; for a week (after thirty days),[14].—Menstruation somewhat longer and more profuse than usual,[13].—Menstruation, which was just at its close, was immediately very much increased after a new dose, with pains in the abdomen, small of the back, and thighs, but after a few hours returned to its ordinary state,[13].—Menstruation, which was only slight on the fourth day, immediately after a new dose became more profuse, thicker, with clots of blood; next day it was again scanty,[13].—Menses much thinner than usual,[13].—[650.] Menses some days too early and more profuse than usual, lasting three days, though flowing scarcely any after the second day, with blood black like ink,[14].—Menses one day too early, with pains in the small of the back and lower limbs,[13].—Menses five days later,[13].—Menses suppressed,[13].

Respiratory Organs.—Larynx. Tensive pain in the larynx while breathing (after thirty-five days),[14].—Irritation to cough, caused by tickling in the larynx (fourth day),[13].—Sudden violent irritation to cough in the right side, near the pit of the throat, as if in the right bronchus, neither painful nor itching; it could be suppressed by a slow, deep breath,

and by an effort of the will; this provocation to cough lasted about an hour (at that time I was treating two patients who had a similar irritation to cough),[26b].—***Voice.*** Voice as in catarrh (after fifty days),[13].—*Hoarseness*,[28].—Hoarseness and rawness of the throat (eighth day),[28].—[660.] Hoarseness and cough; she raised pieces of mucus, with stopped catarrh (during menstruation),[13].—Suppressed hoarse voice, with some tickling provoking cough,[26b].—Loss of voice,[33 41].—***Cough and Expectoration.*** Cough day and night, with sore pain in the chest, followed by catarrh, with stoppage and itching of the nose (thirteenth day),[13].—Cough, with stupefying headache, wakes her at night, about 3 o'clock; if she raises herself or moves, the cough becomes worse (twenty-second day),[14].—Cough caused by tickling in the middle of the chest, after coming into the house, persistent,[13].—Cough, with soreness in the chest, pain in the head and throat (seventeenth day),[13].—Cough, which was persistent and annoying, called for three doses of Ipecac 3d, after which it entirely disappeared (third day),[25].—Cough almost takes away her breath,[14].—Cough paroxysmal, especially caused by eating bread or cakes,[26b].—[670.] Dry cough (fourth and fifth days),[13].—Dry cough, with rawness in the throat and heaviness on the chest (sixth day),[14].—Dry cough for fourteen days, with dull tension, contraction, and pressure in the chest; a rawness beneath the sternum, which provokes cough, but which afterwards disappears for a few minutes,[14].—Dry, hacking cough the whole day, with almost audible beating of the heart (twentieth day),[14].—Short, dry, hacking cough (thirteenth day),[28].—Cough, with expectoration, in the morning (fourth day),[25].—Cough, with expectoration and pressive pain in the sternum, in the morning (sixth day),[25].—Cough and expectoration, mostly in the evening, after lying down,[12].—Sleep disturbed at night by cough, with expectoration; towards morning moderate perspiration (second night),[25].—Cough (after one hour), with which the face became red, and by which there was at last a little mucous expectoration; lasting nearly a quarter of an hour, frequently returning during the day (seventh day),[25].—[680.] Cough frequently recurring, mostly followed by expectoration of hard masses of bronchial mucus, that sank in water, and was not dissolved by shaking; during the cough there was a pressive pain beneath the sternum, and afterwards a feeling of soreness in the same place (second day),[25].—Bloody cough, at the full moon,[12].—More cough in the morning than during the day,[14].—When coughing, expectoration affords relief (twenty-third day),[14].—Mucous expectoration, with blood, while coughing,[12].—Bloody expectoration, with slight cough,[12].—Bloody expectoration, twice, in the afternoon, with dry cough (fourteenth day),[13].—Expectoration of clotted blood after hawking mucus (during menstruation), (twenty-fifth day),[13].—Sour-smelling expectoration from the chest,[12].—***Respiration.*** Respiration accelerated, with a sensation of feverish weakness over the whole body (third day),[33].—[690.] Constantly, a sensation in epigastric region and oppression of the chest oblige frequent inspiration, especially in morning and towards evening, with confusion and drawing in the head (fifth day),[22].—Oppression of breathing while ascending; sticking in chest and cough, with expectoration of clear blood (twenty-fourth day),[14].—Difficult respiration,[33 41]; (after a quarter of an hour),[42].—Dyspnœa, in the region of the pit of the throat,[12].

Chest.—Inflammation of the chest,[46].—Rush of blood to the chest,[12].—Feeling of anxiety in the chest, instead of the headache, towards evening (first day),[28].—Heaviness and tightness of the whole chest (first day),[13].—While coughing, a feeling as though something were loose in the chest

(thirtieth day),[14].—Burning and sticking in the chest, in the evening (ninth day),[15].—[700.] Violent burning in the chest, extending up into the throat, until expectoration is loosened, in the morning (twenty-sixth day),[14].—Tensive pain across the chest, with stitches in the left side, under the ribs,[9].—Tightness of the chest from coughing, at night,[12].—Constriction in the chest, with anxious shortness of breath, in the forenoon, while standing (twenty-second day),[13].—Cramplike constriction of the chest, with anxiety and dread of suffocation, alternating with cramplike drawing in the occiput and nape of the neck, of the left side, so that she had to hold the head backward, and at times so violent that she cried out (twenty-fifth day),[14].—Constriction, as if the lungs were constricted, preventing deep breathing, in the morning while lying, extending from the back into the chest; if she attempts to take a deep breath she is obliged to gasp for air, and it is followed by coughing (fourth day),[14].—Pressure and tightness of the chest (thirteenth day),[28].—Pressive pain in the chest, in the afternoon (twenty-third day),[15].—Pressive pain in the chest, lasting a short time,[15].—Oppression of the chest (third day),[22].—[710.] Oppression of the chest, perceptible especially in the morning (fourth day),[22].—Sticking pain in the right lower ribs, caused by coughing and laughing, for two days (after twenty days),[13].—Stitches in the right chest, when coughing and breathing deeply,[12].—Stitches in the right half of the chest, that return three times at intervals of half an hour; six hours afterwards there was a feeling of fulness beneath the sternum, which was aggravated by deep inspiration and cough, a short, dry, hollow-sounding cough (first day),[25].—Stitches in the upper part of the right chest, especially when lying on the right side, and with the head low,[12].—Stitches in the middle of the chest, extending to both sides and towards the axillæ, while walking (during menstruation),[13].—Stitches in the middle of the upper part of the chest, after dinner (twenty-eighth day),[13].—Stitches in the left costal region at rhythmical intervals, after lifting a weight,[13].—Need to take a deep breath, in the evening, while sitting still, and on every inspiration a stitch in the left chest, taking away the breath, five times in succession (fifth day),[27].—Painful stitch in the left chest, on inspiration (seventeenth day),[13].—***Front.*** [720.] Burning sensation in the forepart of the chest (third day),[13].—Pressure in the chest, beneath the sternum, the whole forenoon (sixth day),[24].—Pressure and sticking pain in the right side of the chest, at 8 P.M. (third day),[24].—Pressive pain behind the sternum, the whole day (seventh day),[25].—Pressive pain under the sternum when coughing, with a feeling of warmth and rattling in the same place; the expectoration seemed to be raised from low down in the chest (third day),[25].—Pressive pain at the lowest end of the sternum (after thirty-eight hours),[15].—Violent stitches in the upper part of the sternum, in the left side (eighteenth day),[13].—***Sides.*** Pressive pain in the right side of the chest, in the region of the false ribs; this pain afterwards extended farther towards the pit of the stomach, where it remained for a long time like a pressure, with increased loud eructations and loud emission of flatus; the pressure in the stomach afterwards changed to a simple sensation of hunger (second day),[22].—When coughing, cutting beneath the sternum,[14].—Sticking and pain in the left side of the chest, for two hours, relieved while walking in the open air, but recurring more violently towards evening, like a cutting and tearing in the lungs, aggravated by deep inspiration; then after half an hour chilliness and tearing in both limbs, from the knees to the toes, so that she was obliged to go to bed, where she became warm and fell asleep (seventh day),[14].—[730.] Sticking sensa-

tion in the left side of the chest, near the sternum, on deep inspiration,[15].—Painful sticking in the left side of the chest, that makes the breathing short (seventh day),[13].—Stitches in right side, between fifth and sixth ribs, in the afternoon (fourth day),[23].—Stitches in the left side of the chest, more towards the back (twenty-seventh day),[13].—Transient stitches in the middle of the right side of the chest, in the morning (eighth day),[28].—Frequent transient stitches in the left side of the chest (sixth day),[24].—Violent stitches in the upper part of the sternum, in the left side (eighteenth day),[13].—Fine stitches in the right side of the chest (soon),[13].—Stitch in the left side of the chest, when carrying a weight (twenty-first day),[13].—Tearing in the right side of the chest (intercostal muscles), (eighth day),[29a].—[740.] Throbbing and pressive heaviness in the forepart of the chest, with inclination to faintness, while sitting (ninth day),[13].—Frequent sticking beneath the left female breast (thirty-second day),[13].—Stitches beneath the left breast, more when walking than during rest,[13].

Heart and Pulse.—Præcordium. Violent stitch in the præcordial region (after five hours),[15].—***Heart's Action.*** Violent beating of the heart, in the evening in bed, on account of which he awoke,[13].—Violent beating of the heart while lying upon the back, so that she awoke at midnight, and sat up full of anxiety (thirteenth day); violent palpitation at midnight, while lying on right side (fourteenth day),[13].—Palpitation on sudden motion and on standing up, with heat of the face and oppression of the chest,[15].—Momentary palpitation, at times (after fifteen days),[14].—***Pulse.*** Pulse somewhat accelerated (after 11 and 13 grains),[7].—[750.] Pulse frequent, hardish (third day),[23].—Pulse hard and rather frequent, towards evening (seventh day),[25].—Pulse small and rapid, with warm hands,[13].—Very weak, rapid pulse,[41].—Pulse full, hard, and rapid, and a condition very like an inflammatory irritability of the whole body, but especially in the abdominal organs (second day),[9].—Pulse very rapid, for an hour, in the afternoon, while at rest,[15].—Pulse very rapid, at 4 P.M., with heat in the head for an hour (twenty-eighth day),[15].—Pulse increased in frequency by ten beats (first day),[28].—Pulse 70 (usually 65), (first day),[28].—Pulse 80 (usually 65), with some palpitation (first day),[28].—[760.] Pulse 90 in the evening (usually 65), (ninth day),[28].—Pulse slow, small, and weak,[39].—Pulse sunk in strength and frequency,[37].—Pulse diminished by 3 beats for a short time (after 9 grains),[8].—Immediately after taking the drug, especially in large doses, the pulse was from 3 to 4 beats slower than usual, partly on account of the cooling effect of the saltpetre, and partly from the cold water; this condition lasted a very short time, three or four minutes, and the circulation returned to its usual course,[8].—Pulse reduced from 65 to 62 (after a few minutes); normal (after half an hour),[9].—Pulse very weak, small, and thready, at 60 (after four hours),[45]. Pulse hard, with symptoms of enteric inflammation (second day),[36].—Pulse somewhat smaller and softer than usual (two hours after two scruples),[3].—Pulse small and weak,[38].—[770.] Weak pulse,[33]; (after a quarter of an hour),[42].

Neck and Back.—Neck. Stiffness of the nape of the neck,[14].—Pain, like a stiffness in the nape of the neck, as if sprained, on nodding or turning the head, lasting three days (after thirty-three days),[13].—Tensive pain in the right sterno-cleido-mastoid muscle on turning the head,[26d].—Tearing in the cervical muscles of the right side, extending from the shoulder to the head,[15].—Painful throbbing in a cervical vertebra, after raising the head from stooping,[13].—***Back.*** Paralysis of the spine, with teta-

nus,[16].—Pain in the back (after twenty-seven days),[15].—Pain in the back when coughing,[12].—Pain in the back on stooping,[15].—[780.] Constant pain in the back while fasting,[37].—Pinching pain in the back, in the evening (after thirty-eight hours),[15].—Pressure and burning in the back, relieved by walking, aggravated by sitting and by lying in bed,[15].—Bruised pain in the whole of the back, preceded by sticking in the hips (twentieth day),[13].—Bruised pain in the back in all positions, in the evening (during menstruation),[13].—***Dorsal.*** Tensive drawing between the scapulæ, at 6 P.M. (second day),[27].—Violent sticking, as with knives, between the shoulders, waking her from sleep and causing shortness of breath, appearing while lying on the back, and relieved by lying on the right side (after twenty-six days),[13].—Stitches beneath the right scapula, at night,[12].—Transient stitches beneath the left scapula, in the evening (third day),[27].—Painful stitches in the region of the lower angle of the left scapula, on deep inspiration,[15].—***Lumbar.*** [790.] Paralyzed feeling in the small of the back, in the evening (third day),[27].—Pain in the small of the back, in the morning, on waking, extending into the left hypochondrium, lasting several hours (twelfth day); she was obliged to stand up (twenty-ninth day),[14].—Pain in the small of the back, alternating with griping in the abdomen, in the afternoon, and followed in the evening by a hard stool (ninth day),[13].—Violent pain in the small of the back, at night, waking her, and not allowing her to sleep again (after fifty-two days),[13].—Violent pain in the small of the back, which did not permit lying on the back, woke her at 2 A.M. (after twenty-seven days),[13].—Drawing pains in the region of the kidneys (after 12 grains),[7].—Pinching pressure in the small of the back, the whole day,[15].—Violent, pressive pain in the lumbar region, worse during rest, so that she was obliged to walk about in order to obtain relief; the pain was relieved after gentle rubbing, but was so much aggravated when coughing, that she cried out,[14].—Stitches in the left side of the small of the back, while sitting (second day),[23].—Stitches in the region of both kidneys, most violent in the right, and very acute when taking a deep breath, in the evening,[15].—[800.] Bruised pain in the small of the back, at 3 A.M.; she was unable to turn over on account of it (after twenty-three days),[13].—Pain in the small of the back, as if it had been beaten, in the morning, on waking,[14].

Extremities in General. — Objective. Trembling of the limbs,[36 44].—Trembling of the hands and feet,[35].—Painless jerkings in the arms and legs in the evening in bed (fifth day),[13].—Great weakness of the limbs (ninth day),[28].—Lameness of the limbs, with weariness (third day),[28].—Paralysis of the limbs,[17].—***Subjective.*** Pains in the right hip and left shoulder and ankle-joints, especially on walking, also tensive pains in the sterno-cleido-mastoid muscle,[26d].—Drawing in the upper and lower extremities,[28].—[810.] (Drawing in the limbs was worse), (four hours after the dose),[28].—Cramplike drawing pain, now in the right, now in the left arm, now in the legs, especially about the knees, mostly during rest,[15].—Sticking pain in the right shoulder, and afterwards in the knee-joint, repeated several times (seventh day),[25].—Sticking pains lasting a few minutes in the knee, elbow, and shoulder-joints; in the left elbow it lasts longer, and is increased by motion; the pains are worse in the afternoon than in the forenoon (first day),[25].—Tearing and drawing in the limbs (seventh day),[28].—Bruised feeling in the limbs (fifth day),[28].

Superior Extremities.—Weakness of the arms,[12].—Temporary

paralysis of the arms (from a drachm daily),[20].†—The left arm falls asleep at night while lying on the back; it wakes her about 3 A.M. (after eleven days),[13].—The feeling of numbness and crawling in the arm, with pain in the shoulder that had existed previously, disappeared; instead of it there was a pain in the right thumb-joint on moving it for several weeks (after thirteen days),[13].—[**820.**] Drawing pain in the arms if she lets them hang down for a long time,[12].—Tearing in the right arm, especially in the shoulder, worse in the afternoon and evening,[15].—Tearing in the arm intermitting, and returning at night when lying upon the right side (during menstruation),[13].—Tearing extending from the right shoulder to the fingers, waking from sleep at 11 P.M., lasting to 4 A.M., with a sensation as though the shoulder were standing farther out than natural; she was unable to lie upon either side,[13].—Extremely painful tearing in the right arm, extending to the wrist on motion, with stiffness of the arm, which was not relieved by rubbing, but by violent motion (twenty-seventh day),[13].—Drawing-tearing in the arm, extending from the shoulder to the fingers, towards evening (fourth day),[14].—***Shoulder.*** Pains in the right shoulder on almost every motion of the arm, except upward and backward, which afford relief,[26d].—Pain in the left shoulder on raising the arm, especially on moving it backward,[26d].—Pain as from weariness in the left shoulder (after four hours),[15].—A paralytic pain in the right shoulder-joint towards the forepart, as if in the head of the bone, but only felt while the arm remained in one place; as soon as the arm was moved, the pain disappeared; if the arm was turned on its axis, there was a cracking in the forepart of the joint, which seemed to be caused by the tendon of the biceps muscle; there was a similar pain in the first joint of the right ring finger, only noticed on flexing and extending it. On the next day these symptoms had entirely disappeared, except that when lying down (and as it happened after a new dose of the drug) there was noticed a similar pain in the left patella, which disappeared after sleeping, and gave place to dull sticking pains in the anterior and farther portion of the left side of the chest,[26a].—[**830.**] Rheumatic pain in the shoulders,[26b].—Pressure on the left shoulder (after twenty-two days),[13].—Tearing in the shoulders, at one time on uncovering them, at another under the cover; wakes at midnight (twelfth and thirteenth days),[13].—Tearing and heaviness in the right shoulder, with a feeling of numbness in the arm, pain afterwards also extending to the wrist, and waking from sleep about 2 A.M. (after four days),[13].—Tearing in the right shoulder, with falling asleep of the fingers, wakes her at 3 A.M. (after twenty-three days),[13].—Frequent tearing in the left shoulder,[13].—Painful tearing in the left shoulder, frequently renewed (after thirteen days),[13].—Violent tearing in the right shoulder from 2 to 5 A.M., disappearing after rising,[13].—Bruised pain on the shoulder in the morning (after nineteen days),[13].—***Arm.*** Jerking in the muscles of the right upper and forearm (third day),[23].—[**840.**] Paralytic weakness of the right upper arm,[15].—Drawing-pinching pain in the upper arm (after thirty-eight hours),[15].—Sticking and throbbing frequently in the upper arm (seventeenth day),[13].—Violent tearing in the bone of the upper arm (twenty-sixth day),[13].—Drawing-tearing in the deltoid muscle of the left upper arm during rest and motion (fifth day),[15].—Drawing in the right upper arm (sixth day),[29a].—***Elbow.*** Drawing in the elbow-joint, extend-

† The medicine was taken for an inveterate headache, which improved when the arms lost power. They recovered a few hours after discontinuing the drug, and the headache returned.—HUGHES.

ing up the posterior surface of the right upper arm (second day),[13].—On strongly flexing the forearm, pains, a kind of drawing, in the right elbow-joint in the inner side, as if starting from the ulnar nerve (recurring soon after a new dose, and lasting the whole afternoon), (twelfth day),[29].—Drawing, tension, and burning in the bend of the left elbow (after two hours),[15].—Tearing in the joints of the elbows, wrists, and finger-joints, and beneath the nails (after seven days),[14].—***Forearm.*** [850.] Paralytic weakness in the right forearm at night,[13].—Pain in the arms extending from the elbows into the wrists, where it is a tearing and breaking, as if it would twist the bones; thence into the knuckles, where it distends the spaces between them, with swelling of the parts; thence it extends as a crushing pain as far as under the nails; somewhat relieved by rubbing the hands, with a feeling as if the hands were larger than usual, wooden, heavy, and numb, and paralytic; loss of power in them, though only at night,[14].—Drawing, throbbing, and violent pain from the right wrist to the elbow during dinner, afterwards in both arms (after twenty days),[13].—Tearing extending upward on the dorsal surface of the left forearm (ninth day),[29a].—Tearing in the right forearm, index finger, and thumb, waking from sleep at night,[13].—Tearing in the right forearm, from the elbow to the ring and middle fingers, with heaviness and numbness of the parts,[13].—Tearing in a tendon on the outer side of the left forearm, followed by paralytic weakness of it (seventeenth day),[13].—Paralytic tearing in the left forearm, extending to the wrist (twenty-second day),[13].—Extremely painful gnawing in the left ulna, a hand's breadth above the wrist, at short intervals, followed by a paralytic feeling, so that the arm must be allowed to hang down; in the afternoon while sitting; it disappears on rubbing, whereupon there is a pressure, which always reappears, often by itself (seventeenth day),[13].—***Wrist.*** Pain on the inner surface of the right wrist, as if the parts would be forcibly drawn inward; even externally a depression forms,[13].—[860.] The right wrist feels sprained (while drawing a tooth); this sensation lasted ten minutes (third day),[27].—Tearing in the wrist (fifth day),[23].—Tearing in the right wrist,[15].—Acute tearing in the evening in the external condyle of the right wrist, even continuing during motion,[15].—***Hand.*** Weakness of the hands and fingers; she could hold nothing tightly and properly; on making an exertion, there is pain in the wrist,[14].—Heaviness of the hands, like lead (after twenty-seven days),[14].—Painful grabbing and gnawing in the ball of the right hand, just behind the little finger (seventeenth day),[13].—Breaking and tearing pain in the right hand in the evening,[14].—Tearing stitches in the bones of the ball of the left hand, just back of the little finger (second day),[13].—Tearing in the hands, with shivering and thirst (eighth, ninth, and tenth days),[14].—[870.] Tearing in the back of the left hand, better after rubbing,[13].—Tearing in the metacarpal bone of the right index finger in the morning (fifth day),[23].—***Fingers.*** Stiffness of the fingers at times (after eighteen days),[14].—Drawing in the right little finger (twenty-third day),[13].—Transient tearing-drawing in the middle finger of the left hand (second day),[22].—Pain, as from a sprain, in the fingers on holding a large object; on stretching them out, which at first he was unable to do, they seem too long, and if he wishes to hold anything, he is first obliged to bend them backwards,[13].—Pain, as from a sprain, in the right thumb-joint on moving it backwards, and a pain in a small spot in the joints on pressing upon it,[13].—Pain in the right thumb-joint on bending the thumb backwards, as if it had been sprained and swollen, with cracking in it,[15].—Pain, as from a sprain, in the right index finger, and cracking in

the joints on every motion of the hand,[15].—Sticking beneath the left thumb-nail, as with needles (twentieth day),[13].—[880.] Jerking-sticking in the right ring and middle fingers,[13].—Violent tearing in the last phalanx of the left thumb (nineteenth day),[13].—Pinching-tearing in the left thumb,[15].—Cramplike tearing in the knuckles, alternating with the pains in the head,[14].

Inferior Extremities.—Objective. Staggering while walking, without vertigo,[12].—Weariness of the limbs, especially of the calves, as after a long walk, in the evening (second day),[27].—Limbs very weary (fourteenth day),[28].—Weakness of the limbs, with drawing pain from time to time,[12].—Weakness and painfulness of the legs, in the evening (during menstruation),[13].—Extreme weakness of the lower extremities, with yawning (twenty-third day),[13].—***Subjective.*** Dull pressive pain in the bones of the right leg, from the hip to the toes, from 1 to 4 A.M., better on rising and walking about, when the pain remained only about the malleoli,[14].—[890.] Acute bruised pain in the left leg, on waking in the morning; on turning over, it extended into the small of the back and ceased with sticking in the heel (seventh day),[14].—***Hip.*** Pain in the hip, immediately on waking in the morning, which after rising increased till noon,[15].—The right hip-joint feels sprained, in the morning, at times when walking (second day),[27].—Sticking and burning frequently in the right hip, during rest and motion (fifteenth and nineteenth days),[13].—Stitches in the right hip while standing, disappearing on motion,[13].—Tearing in the hip-joint, in the afternoon and evening,[15].—***Thigh.*** Weakness in the middle of the right thigh and tibia as if paralyzed; somewhat relieved while sitting and standing, afterwards worse while sitting (three days before the menses), (after twenty-two days),[13].—Drawing in the thigh, in the morning (second day),[28].—Tearing in the inner side of the left thigh, high up (apparently in the pectinæus and triceps) several times; afterwards in the left upper arm, then in the middle of the outer portion of the left thigh, then on the anterior surface of the leg (tibialis anticus), then on and behind the external malleolus, then in the back, between the left scapula and the spine (in the rhomboideus, serratus posticus superior); these tearings occur in rapid succession not long after eating, in the evening (eighth day),[29a].—An acute pain in the bend of the right thigh (groin), always on stooping,[26b].—[900.] Tearing in the left nates while standing, disappearing on motion,[13].—The muscles of the thighs feel very much bruised,[13].—***Knee.*** Feeling of weakness in the knee-joint, extending into the thigh, especially when walking,[15].—Painful sensation on the inside of the right knee, only when walking,[26b].—Acute pain beneath the right patella as from a sprain, while walking, disappearing during rest,[15].—Tearing in the right knee (ninth day),[13].—Tearing in the left knee, for a long time,[15].—Tearing in the right knee during rest,[15].—Tearing in the hollows of both knees, while walking,[13].—Tearing and weakness in the right knee, frequently so that she could not step properly (after eleven days),[14].—[910.] Painless tearing on the outer surface of the right knee (twenty-fifth day),[13].—Pain as after a blow in the hollows of the knees (second day),[22].—Painful throbbing in the left knee, at intervals, at night in bed,[13].—***Leg.*** Feeling of great weariness and paralytic weakness in the lower legs during rest and motion, after a short walk (after thirty-six hours),[15].—A kind of paralyzed feeling extending from the middle of the left thigh down over the lower leg (ninth day),[29a].—Spasmodic contraction of the left calf, while walking,[13].—Drawing in the legs, extending from the knees to the feet, in the evening (thirteenth

day),[28].—Drawing pain in the right lower leg, noticed when it lies across the left,[15].—Tearing and weariness in the right lower leg and knee, during rest, frequently obliging a change of position of the leg; on farther walking the pain disappeared,[15].—Drawing in the tibiæ (second day),[22].—Tearing on the left tibia externally, as if in the periosteum, in the afternoon (eighth day),[29a].—[920.] Tearing, extending down the right tibia, in the evening and following morning (after nineteen days),[13].—Tearing extending down both tibiæ and in the knees, in the evening,[13].—Drawing tearing on the anterior surface of the left tibia (ninth day),[29a].—Cramp in the left calf, towards evening (seventh day),[14].—***Ankle.*** Burning pain at the union of the os calcis with the external malleolus, during rest; on moving it feels sprained, and when touched as if suppurating,[15].—Drawing and tearing in the right outer malleolus, while standing (seventeenth day),[13].—Pains as from a sprain in the right ankle (third day),[27].—***Foot.*** Great weakness of the feet, when standing and walking (after twenty days),[14].—Sticking and burning in the sole, now of the right, now of the left foot, disappearing on rubbing, but frequently returning,[13].—Fine sticking in the upper part of the right os calcis, during rest,[15].—[930.] A stitch in the sole of the right foot, with ulcerative pain, at night,[13].—Tearing on the back of the right foot about the first toe-joint, in the evening,[15].—Burning in both heels and balls of the feet, at night in bed,[13].—Violent griping pain in the sole of the right foot, like an ulcer forming; frequently, from afternoon till evening,[13].—Tearing in the ball of the left sole, in the evening (twenty-fifth day),[13].—Violent tearing in the sole of the left foot, in the afternoon (twenty-seventh and thirtieth days),[13].—Jerking tearing in the soles of both feet (during the menses),[13].—Transient jerking tearing in the sole of the left foot, as from an ulcer,[13].—***Toes.*** Painful contraction of the toes, in the evening while sitting,[13].—Stitches in the middle joints of the right smaller toes, always near the dorsal surface; soon afterwards the same stitches between the third and fourth last toes on the plantar surface (eighth day),[29].—[940.] Awakened several times at night by stitches through the middle joint of the right second toe (third day); on the next and succeeding days there were frequent stitches through the same place in the left foot (in neither place were there any corns),[29].—Stitches in a spot on the left second toe where there had formerly been a corn,[15].—Slight stitches in the second joint of the right little toe (eleventh day),[29].—Jerking stitches in the right great toe, at night,[13].—Tearing in the left great toe (after ten days),[13].

General Symptoms.—Objective. Fatal inflammation and gangrene of the mucous membrane of the stomach (in a woman, from 1 ounce),[21].†—The whole body, neck, and legs were swelled so rapidly, that it was with difficulty that she could be undressed,[11].—Trembling over the whole body,[11].—Trembling of the nerves of the whole body, with great general restlessness (second day),[28].—Involuntary trembling of one-half of the body,[46].—[950.] Twitchings,[17].—Twitchings of the muscles came on, with many involuntary motions; while sitting in a chair, she would suddenly leap up, and when in the act of doing one thing would instantly turn to do another; the muscles would act quite contrary to the will, and do that which she neither wished nor had power to prevent; her symptoms afforded every character of Chorea St. Viti, as laid down by Cullen; the left arm and leg chiefly affected (after fourteen days),[37].—Jerking without pain here and there, over the whole body,[13].—Rheumatic, somewhat painful

† Original revised by Hughes.

stiffness of almost the whole body, especially of the arms, neck, and back, worse in the cold, better in the warmth,[26e].—Paralysis of the organs of sense,[17].—Very much fatigued, in the morning (fourteenth day),[28].—General weariness and numbness of the lower extremities (first day),[9].—Weakness so that she could not stand and could scarcely sit,[18].—Weakness of the whole body (second day),[9].—Weakness, faintness, followed by death,[32].—[960.] Weakness continued long after the attack,[39].—Weakly for a considerable period,[48].—Great weakness (thirteenth day),[28].—Great weakness of the whole body, especially of the limbs (second day),[28].—Great weakness, a peculiar prostration of the whole body (fourth day),[28].—Great weakness of the whole body, from afternoon till evening (fifth day),[13].—Paralytic-like muscular weakness,[39].—Tremulous weakness, with frequent hard pulse and rapid respiration, in the morning (fourth day),[23].—General exhaustion (first day),[25].—Great exhaustion after mental labor, in the morning (tenth day),[29a].—[970.] Great prostration and weakness, with unusual paleness of the face (eighth day),[29a].—Great prostration, as after violent exertion, with heaviness of the head; she stumbles over everything while walking,[13].—Quite unable to move for about a week,[48].—State of collapse (after four hours),[45].—Lying on her back in a collapsed state, with her legs drawn up, as in peritonitis (second day),[48].—Faintness,[33 41].—Attack of faintness at 10 P.M. (while blowing on an instrument with tight clothes); it seems to him as though everything in the room turned around; he sank down, but caught himself while sinking; therewith the head was at one time hot at another cold, with unsteady standing, and a sensation as if the attack would return,[15].—Attack of dizzy faintness, in the morning while standing; better on sitting down; then it became black before the eyes, with great weakness and sleepiness, pain in the small of the back and constriction in the abdomen, lasting a quarter of an hour, three times in the forenoon; when this ceased, the pain extended down the leg to the ankle, where it remained the whole day; in the afternoon, coldness with thirst, worse in bed, lasting till midnight, when she fell asleep, with agreeable warmth,[14].—Fainted away (a few minutes after second dose),[50].—***Subjective.*** Suddenly she became so sick, weak, and sleepy, that she was obliged to lie down without being able to open the eyes; she slumbered, and after she awoke, was unable to collect her senses,[12].—[980.] Chronic illness,[13].—Painful tearing, which always intermits for some time, torments him day and night, only transiently dissipated by rubbing (twenty-second day),[13].—(The bruised feeling of the body became worse), (after four hours),[28].—Pulsations, here and there, after the midday nap (ninth day),[29a].—Smelling camphor aggravated the symptoms,[14].—(Smelling sweet spirits of nitre immediately relieved her condition, especially the headache),[14].

Skin.—Objective. Surface of the body pale, but warm and moist (second day),[48].—Small itching spots on the neck and left forearm, red when touched,[13].—A dull-greenish spot on the left side of the thigh (this spot might have been there longer, since there was no sensation that called my attention to it; it was not caused by contusion), (after fifteen days),[26].—A wartlike elevation on the left cheek becomes larger and itches,[13].—***Eruptions, Dry.*** [990.] Numerous pimples on the nape and occiput, which disappear the following day (after thirty days),[12].—Many pimples on the nape of the neck,[13].—Itching pimples of the size of peas on the body, even on the face, only not on the hands and feet,[12].—Itching pimples on the right nates after scratching (after thirty-two days),[13].—Itching at times, burning or biting pimples on the nape of the neck, on the forepart

of the nose, throat, and right elbow, where she had to scratch them bloody,[13]. —A small pimple on the shoulder, with violent sticking pains and irritation to scratch it off,[15].—***Eruptions, Moist.*** Blisters on the upper lip, with inflamed areola and tensive pain (after sixteen hours),[13].—Small vesicles, which change to pustules, on the face and other parts of the body (second day),[9].—Burning vesicles full of thin yellow fluid, here and there; after scratching they burst and the burning ceases (after thirty-four days),[14]. —Many itching pimples on the right forearm, which exude water on scratching,[13].—[**1000.**] A large painless pimple like "water-pock" on the inner margin of the lower lip, which after several days became smaller and at last disappeared without breaking (second day),[22].—***Eruptions, Pustular.*** Small, painless pustule with red base on the nape of the neck,[13].— A tensive painful pustule on the left side of the nose,[13].—A boil on the right shoulder, with tensive pain,[13].—A boil on the lower portion of the thumb,[12].—***Subjective.*** Some stitches on the skin, especially on the chest, on every motion,[13].—Stitches as with needles followed by burning on the skin, especially on the face,[14].—Itching, especially on the legs and tibiæ, so that she was obliged to scratch them bloody; with red spots here and there (after twenty days),[14].—Itching here and there in the evening, obliging scratching,[15].—Itching with stitches here and there in the evening after lying down,[13].—[**1010.**] Itching in several parts, also on the scalp; at times she was obliged to scratch it till it bled, after which it burned and pained,[13]. —Itching in various places several times; also on the inner side of the right great toe, as if it had been frostbitten (ninth day),[29a].—Tickling itching here and there over the whole body, on the left thumb, right side of the nose, right meatus, left upper arm, hollow of the right knee, left cheek and concha, sole of the right foot, back, right tibia, right axilla, left thigh, scalp, scrotum, etc., as if feathers were lightly drawn over the surface (immediately),[29a].—(During this proving he suffered less than usual from the extreme itching of the skin of the whole body),[28].—Itching biting in the left knee,[13].—Crawling in the hands and feet, as from ants; also later on the tongue,[13].—Tickling in the left upper arm, left ear, leg, and scrotum (sixth day),[29a].—Itching on the right side of the nose, and afterwards fine sticking in the tip of it, towards evening (fifth day),[14].—Itching and crawling in the tip of the nose (twenty-second day),[14].—(Itching here and there on the chest, feet, etc.), (eleventh day),[29].—[**1020.**] Itching on the right forearm, with pimples after scratching,[13].—Itching on the right arm, middle finger of the right hand, on the left cheek, on the small of the back, the left lower leg, etc., in the evening (eighth day),[29a].—Itching on the left elbow, on the anterior and inner sides of the right thigh (second day),[29a].—Violent itching on the upper margin of both orbits, frequently (fourth day),[13].— Frequent violent itching of the face,[12].

Sleep and Dreams.—Sleepiness. Yawning,[9].—Yawning and sleepiness during the day,[14].—Much yawning, with weariness and indolence,[30].—Sleepiness (first day),[25].—Sleepiness while walking and during rest (first day),[13].—[**1030.**] Sleepiness, yawning, and exhaustion, in the forenoon (seventh day),[13].—Sleepiness, so that he could have fallen asleep immediately; this gradually disappeared toward 10 o'clock, leaving only a slight pressure in the forehead and over the right eye in the forenoon (first day),[28].—Great sleepiness after dinner, with weariness of the limbs on waking (second day),[29a].—Great sleepiness between 11 and 12 A.M.; this sleepiness also continued during dinner at 3 P.M., and became irresistible; he was obliged to lie upon the sofa, contrary to his custom; sleep made restless by

frightful dreams, and in spite of frequent waking he gradually aroused himself only after two hours (second day),[29].—Overpowering sleepiness at noon; in spite of being frequently disturbed he was able to rouse himself completely from sleep only after two hours (eighth day),[29].—Sleepy and exhausted after rising in the morning (fourth day),[24].—Sleepy and exhausted in the afternoon (second day),[13].—(Quiet sleep), (curative action), (first day),[29a].—Stupid sleep as if drunken; she heard nothing about her (after six days),[13].—Sleep usually stupid, with fantasies from which she awoke in a fright,[14].—***Sleeplessness.*** [1040.] She was unable to fall asleep before midnight, after which she slept well,[13].—Uneasy sleep on account of a throng of ideas, which he could not keep away,[13].—Sleep restless, disturbed by many anxious dreams (fifth night),[24].—Restless sleep with frequent waking (after ten days),[13].—Sleep restless, full of dreams, with frequent waking in the morning (sixth day),[29a].—Restless sleep at night,[9].—Sleep restless during the night with many dreams and profuse perspiration (seventh day),[25].—Night restless,[9].—Night restless, with little sleep (first night),[9].—Night restless, with many dreams (after 6 grs.),[6].—[1050.] Nights restless, frequently only slumbering, with constant waking or wakened by pain; for twenty days,[14].—She fell asleep late, awoke early, and then tossed about (after twenty-eight days),[14].—She woke at 1 o'clock and could not fall asleep again,[13].—***Dreams.*** Dreamy sleep; she was thronged with thoughts and unable to get any rest; with great anxiety,[13].—Sleep full of dreams through the whole proving,[13].—Many dreams after midnight (third night),[24].—Voluptuous dreams (after twenty-two days),[13].—Vivid dreams full of strife and disputes,[12].—Dreams of quarrels, vexation, and anger,[13].—Dreams of journeys; yet she made no progress, which vexed her,[13].—[1060.] Anxious, visionary dreams, during the heat, with frequent starting up and sweat; the next morning transient shivering, and in the forenoon thirst (after twenty-seven days),[13].—Anxious painful dreams, as if she had a painful swollen cheek, or as if her child had been beaten,[14].—Sleep uneasy from frightful dreams (second day),[29a].—Dreams of danger from water, fire, and the like,[13].—Dreams of sickness, or of the breaking of one of her teeth,[13].—Dreams of the death of an acquaintance,[13].—Nightmare (eighth day),[15].

Fever.—Chilliness. Chilliness and yawning (soon), (second day),[22].—Chilliness, towards evening in the open air, and heat of the face, in the house; afterwards general perspiration,[15].—Chilliness in the evening with cold creeps over the back, disappearing after lying down,[13].—[1070.] Chilliness at 3 P.M. (twenty-third day),[13].—Chilliness at 6 P.M.; she was obliged to lie down, after which the chilliness disappeared; after an hour she rose up and the chilliness returned with chattering of the teeth and shivering, again disappearing after lying down, and so on frequently till 10 o'clock (during menstruation),[13].—Chilliness at 7 P.M., with shaking and tearing in the head, with peevishness, lasting four minutes; followed on lying down by perspiration, lasting a quarter of an hour, with frequent twitchings in the limbs,[13].—Chilliness from 7 to 8 P.M., without subsequent heat (thirty-ninth day),[13].—Chilliness at 8 P.M., disappearing after lying down (during menstruation, (twelfth and seventeenth days),[13].—Chilliness at 9 P.M., which disappears after lying down,[13].—Frequent chilliness in the afternoon,[15].—Extreme chilliness,[11].—Chill at 9 P.M., which disappears in the bed, followed by sweat during sleep, without thirst,[13].—Shaking chill in the forenoon, in the open air, lasting a quarter of an hour, without subsequent heat,[13].—[1080.] Shaking chill from afternoon till evening, disappearing after lying

down, with pain and a feeling of heaviness of the head, followed by heat in the bed (twenty-fourth day),[13].—Short shaking chill at 3 P.M.,[13].—Alternations of chill, heat, and sweat, in the afternoon (fourth day),[13].—Cold (a few minutes after second dose),[50].—Coldness in the evening, she was unable to get warm, with headache extending down from the vertex,[14].—Marble-like coldness of the skin,[39].—Shivering for half an hour in the evening, followed by flushes of heat, and after lying down perspiration, without thirst (ninth day),[13].—Shivering (soon after the dose), which occurred again at noon (first day),[29].—Sensation of chilliness along the spine (almost immediately),[44]; with cold sweat on the forehead, and more or less on the whole body (immediately),[36].—Cold limbs,[33 35]; (after a quarter of an hour),[42].—[1090.] Extremities cold,[38 41]; (after a quarter of an hour),[45].—A peculiar and very distressing sensation of coldness in the hands, feet, and back for a long time after the attack,[39].—***Heat.*** Increased warmth in the body, and rush of blood to the head, with vertigo and confusion of the head; while the forehead and cheeks were warmer than usual to touch, the temperature of the hands seemed lower than normal (after twenty minutes),[9].—Night restless; a feeling of great warmth does not permit her to fall asleep,[13].—A peculiar sensation of warmth over the whole body after eating (second day),[28].—Heat in the afternoon, followed by chilliness; in the evening after lying down, sweat with thirst till morning; during the chill frequent flushes of heat, and during the heat frequent chilliness; even during the perspiration there were cold creepings as soon as she uncovered herself (eleventh day),[13].—Heat with confusion of the head and a fretful mood, towards evening (ninth day),[29a].—Heat with perspiration over the whole body, without thirst, in the evening (twenty-seventh day),[13].—Heat at night followed by perspiration and only a little thirst (tenth day),[13].—Fever towards evening (second day),[25].—[1100.] Febrile attack, in the evening, pulse hard and rapid (first day),[25].—Face hot and hands cold,[9].—Transient heat in the face, which is red and hot to touch, followed by chilliness towards evening (first day),[25].—Much heat of the face and head (fifth day),[28].—Great heat of the face and upper lip, even the hands were warmer than usual, without increased rapidity of the pulse (soon), (first day),[22].—***Sweat.*** Increased perspiration (after 7 grs.),[8].—More perspiration than usual (after 9 grs.),[8].—Perspiration in the morning in bed, which was not exhausting (thirty-eighth day),[13].—Perspiration in the morning; she awoke at 3 A.M., and perspired, chiefly on the chest, till 6; after rising she was weak, as after a long walk; she could scarcely walk (after thirty days),[14].—She perspired at night on waking, without relief of the pain (after twenty days),[14].—[1110.] Perspiration towards morning,[9].—Perspiration with weakness on every exertion and motion (after thirty days),[13].—Bedewed with perspiration (a few minutes after second dose),[50].—Profuse perspiration (after 14 grs.),[8].—Profuse perspiration during the night (after 7 grs.),[2].—Profuse perspiration, all over, at night, especially on the limbs,[12].—Profuse perspiration on alternate nights, especially on the limbs,[12].—Exhausting perspiration, with anxiety, in the afternoon (forty-first day),[13].—A cold clammy sweat broke out, accompanied by shivering,[37].—Skin dry and hot; no sweat followed, even till morning (first night),[25].

Conditions.—Aggravation.—(*Morning*), Disinclined to think, etc.; dizziness; stupefaction, etc., of head; headache; on waking, headache, etc.; pressure in forehead; on rising, *headache on vertex;* burning, etc., of eyes; after rising, sour taste; on rising, sticking in throat; in bed, nausea; after rising, feeling in stomach; pressure in stomach; after waking, desire for

stool, etc.; cough; oppression of chest; on waking, *pain in small of back;* from 2 to 5 o'clock, tearing in shoulder; pain in shoulder; in bed, perspiration.—(*Afternoon*), Most symptoms; anxiety, etc.; pressive headache; thirst, etc.; pulse rapid; pains in knee, etc.; tearing in arm; tearing in tibia; griping in sole; weakness; towards evening, *chilliness, etc.;* heat, etc.; perspiration.—(*Evening*), Most symptoms; fretful mood; confusion of head, etc.; pressive headache; drawing through forehead; in bed, throbbing on occiput; while walking in open air, toothache; burning pimples on tip of tongue; when walking, pain in groin; after lying down, cough with expectoration; stitches in kidneys; jerkings of limbs; tearing in arm; tearing in wrist; pain in hand; drawing in legs; tearing in sole; while sitting, contraction of toes; itching; coldness, etc.; febrile attack.—(*Night*), From evening till morning, tearing in temple; sore throat; when lying upon right side, tearing in arm; weakness in forearm; in bed, throbbing in knee; stitches in great toe; heat, etc.; *perspiration.*—(*Midnight*), Palpitation; tearing in shoulders.—(*Alternate nights*), Perspiration.—(*In bed*), The pains; coldness, etc.—(*Eating bread or cakes*), Paroxysmal cough.—(*Smelling camphor*), The symptoms.—(*Coffee*), Pressure in forehead.—(*Cold*), Throbbing toothache; stiffness of body.—(*After dinner*), Headache; immediately, sticking in temple.—(*After eating*), Sensation of warmth.—(*Lying in bed*), Pressure, etc., in back.—(*Lying on back*), Sticking between shoulders.—(*Motion*), Sticking, etc., in lower abdomen; stitches in skin.—(*Pressure*), Burning in epigastrium.—(*Rest*), Burning in pelvis, etc.; pain in lumbar region; pain in arms, etc.; sticking in os calcis.—(*Sitting*), Weakness; pressure, etc., in back; stitches in small of back.—(*Standing*), Colic; stitches in hip; tearing in nates; drawing, etc., in malleolus.—(*Stooping*), Headache; sticking, etc., in left forehead; pain in bend of thigh.—(*Walking*), Pressure in forehead; sticking in forehead; pain in epigastric region; colic; stitches beneath breast; pains in hip, etc.; sensation on inside of knee.

Amelioration.—(*Evening*), On lying down, the symptoms.—(*In open air*), While riding in wagon, pressure in forehead; pain in upper head.—(*Binding up hair*), Headache in occiput.—(*Crouching*), Colic.—(*Lying down*), The symptoms.—(*Lying on right side*), Sticking between shoulders.—(*Smelling sweet spirits of nitre*), The symptoms, especially headache.—(*Pressure*), Pain in forehead, etc.—(*Taking off nightcap*), Pain in parietal region.—(*Walking*), Weakness; pressure, etc., in back; pain in bones of leg.

KALI OXALICUM.

Potassium Binoxalate (Salts of Sorrel), $C_2HKO_4 + 2Aq$.

Preparation, Triturations.

Authorities. **1,** Dr. John Jackson, Lond. Med. Gaz., 1840, p. 480, a woman, aged 20, took about an ounce dissolved in hot water; **2,** Comptes Rend. d. Sc. de l'Acad. des Sc., 1842, a lady, recently confined, took inadvertently nearly half an ounce; **3,** Ann. d'Hygiene, 1842, a woman took a teaspoonful three mornings in succession; **4,** Dr. Worms, a lady poisoned by 15 grammes, Gaz. des Hôp., Jan. 20th, 1859; **5,** Dr. Webb, Med. Times and Gaz., 1859, p. 378, a man swallowed about a teaspoonful; **6,** Cattell, Br. J. of Hom., additional symptoms collected (Guy's Hosp. Rep., N. S., vol. 6, p. 192).†

† Original not accessible.—T. F. A.

Mind.—Became insane (third day),[3].—Great depression,[6].—Extreme depression,[1 6].

Head.—Swimming in the head (after seven days),[5].—Heaviness and pain in the head (after seven days),[5].—Throbbing pain in the head and great thirst,[6].

Eye.—Great soreness of eyes, with dimness of vision,[1 6].—Conjunctivæ much injected and pupils dilated,[6].—The conjunctiva of both eyes were a good deal injected, and both pupils were dilated, though the eyes were exposed to a pretty strong light, as the patient was placed opposite to a window,[1].—[10.] Pupils dilated, even in a strong light,[6].—Great dimness of vision,[6].

Face.—Countenance flushed (reaction ?),[6].—Face pale, anxious-looking, and covered with a cold sweat,[4].—Face and lips pale,[1].—Face and lips pale, with continual rigors over the whole body,[6].

Mouth.—Tongue and fauces red and irritated (after ten days),[5].—Very strong acid taste of the poison, lasting two days,[4].

Throat.—Burning in the throat, immediately,[5].—Scalding sensation in the throat and stomach,[1 6].

Stomach.—[20.] Great thirst and throbbing pain in the head,[6].—Intense thirst,[5].—Very sick,[1].—Vomiting and faintness,[6].—Vomiting (after two hours); continuing at intervals of from ten minutes to an hour, for nearly a week,[5].—Severe vomiting,[6]; after each dose,[2a].—Vomiting of a frothy liquid, leaving a white deposit mingled with brown flakes,[4].—Abundant vomiting (first day); vomitings bloody, blackish, and more abundant (second and third days),[3].—Hard retching (very soon),[4].—Great pain in the epigastric region (second day),[3].—[30.] Severe pain in stomach (very soon),[4].—It had scarcely reached the stomach when she was seized with excruciating pains, followed by violent convulsions, and death within ten minutes after swallowing the draught,[2].—Very severe burning pain in stomach and bowels,[4].

Abdomen.—Violent pains in the abdomen, and convulsions,[6].—Scalding sensation extended over abdomen, with tenderness on tolerably firm pressure,[6].

Urinary Organs.—Micturition, accompanied by a sensation of scalding (after seven days),[5].

Pulse.—Pulse full and quick,[6].—Pulse 100 (after seven days),[5].—Pulse so feeble that it could scarcely be felt,[1 6].—Pulse wretched,[4].

Back.—[40.] Pain in the back,[1 6].—Lumbar pain (after seven days); severe (after two hours),[5].

Superior Extremities.—Spasmodic contractions in the hands (after seven days),[5].—Nails and fingers blue, like those of a cholera patient,[4].

Inferior Extremities.—Feeling of great weakness in the lower extremities (after two hours),[5].—On walking a short distance from his house he found himself hardly able to reach his home on account of his legs failing him,[5].—Cramps in the legs (after seven days),[5].

General Symptoms.—Convulsions and violent pains in the abdomen,[6].—Violent convulsions,[2].—Great muscular weakness (after seven days),[5].—[50.] Could scarcely drag herself along,[4].—She falls and utters loud cries,[6].—Tendency to faint,[6].—Faint and exhausted,[6].—Lying on the floor quite faint (after one hour and a half),[1].

Fever.—Skin cold and clammy,[1 6].—Sensations of coldness, succeeded

by burning heat in the chest and stomach, and great muscular weakness (after seven days),[5].—Constant rigors,[6].—Continued rigors affecting the whole body,[1].

KALI PICRICUM.

Potassium picrate (or picro-nitrate), $C_6H_2K(NO_2)3O$.

Authority. Wolf and Gouzee, Zeit. f. Hom. Kl., 1, No. 7, constant pathogenetic effects when administered for intermittent fever.

Icterus; diarrhœa; pain in the pit of the stomach; violent eructations; colic; urine clear, brownish-red, not containing any coloring matter from the bile, but large quantities of urate of ammonia.

KALI SULFURATUM.

Potassium sulphide (Hepar sulfuris Kalinum). A dark-brown mass resulting from the fusion of Sulphur and Potassium carbonate, consisting of the pentasulphide and the hyposulphite of Potassium.

Authorities. **1,** Chantourelle, Lucé a l'Acad. Roy. de Med., 1825 (from Wibmer), a woman took a portion of a solution of 1½ oz. in two cups of chiccory-water; **2,** Lafranque, Ann. de la Med. Phys., 1825 (from Wibmer), a man took about two ounces of a solution.

Mind.—Stupid and unconscious, with small, contracted, irregular pulse, deathlike paleness and sunken face,[2].

Face.—Redness of the face gradually came on, at first momentary and partial, afterwards persistent and general, with symptoms of violent inflammation of the stomach, etc.,[1].

Mouth.—Great heat in the mouth, throat, œsophagus, and stomach,[1].

Throat.—Throat and fauces dry and reddish-brown, with burning pain,[1].—Constriction in the throat,[1]; (soon),[2].—The œsophagus was painful to pressure in the neck,[1].

Stomach.—Thirst,[1].—Hiccough,[2].—Constant inclination to vomit, without being able to do it; followed by vomiting of the contents of the stomach, and afterwards of white frothy substances mixed with some streaks of blood, and afterwards clots of blood and even purulent pieces of membrane two inches and a half long, seeming to have been detached from the walls of the stomach,[1].—[10.] Constant efforts to evacuate upwards and downwards,[2].—Violent vomiting, soon,[1].—Convulsive vomiting, soon,[2].—Violent pain and heat in the stomach and around the navel,[1].—Burning pain in the stomach,[1].

Stool.—Copious stools,[2].

Respiratory Organs.—Suffocation; could not expand the chest,[1].

Pulse.—Pulse irregular, very small, almost suppressed, slower than natural,[1].

General Symptoms.—Great weakness, with paleness,[1].

Fever.—Whole body cold,[1].—[20.] Skin and limbs extremely cold,[2].—Fever developed only after several hours, when the patient became restless, with all the symptoms of violent inflammation of the bowels,[2].—Violent fever, soon,[2].—General profuse perspiration, with burning skin, very strong and rapid pulse,[2].

KALI SULFURICUM.

Potassium sulphate, K_2SO_4.

Common names, Sal mirabile, or Sal cathartieum, Glauber salts.—

Preparation, Triturations or solutions in water.

Authorities. **1**, Bayard, Ann. d'Hyg., 27, p. 397 (from Am. J. Med. Sc., 1844), effects of forty grammes taken in six doses at intervals of one-quarter of an hour; **2**, Merat and Delens (same reference), effects of one ounce in a woman; **3**, Greusellius, Mem. Acad. Nat. Cur., 1672 (Frank's Mag.), effects of half a drachm; **4**, Sobaux, Journ. de Med., 62, effect of two drachms in a woman after parturition; **5**, Marchand, Journ. Univ. Med. Sc., 1824, poisoning of a child by a small quantity.

Face.—Face red,[5].—Features and eyes distorted,[5].—Lower lip swollen,[5].

Mouth.—Lips, gum, and tongue white,[5].—Burning heat in the mouth, stomach, and abdomen,[1].

Stomach.—Burning thirst,[5].—Nausea and vomiting,[1].—Vomiting,[2].—Repeated vomiting of a whitish substance (after two minutes),[5].—[**10.**] Violent pain in the stomach and bowels,[2].

Abdomen.—Tympanitic abdomen, cramp and every indication of approaching peritonitis,[4].—Abdomen very tense,[5].—Severe colic,[4].

Stool.—Purging; the nurse declared that much of the medicine passed undissolved, and was found at the bottom of the nightstool,[1].—Violent purging,[3].

Pulse.—Pulse scarcely perceptible,[5].

Extremities.—Cramps of upper and lower extremities,[1].

Fever.—Heat,[2].—Cold sweat (after two minutes),[5].

KALI TARTARICUM.

Tartrate of Potash (Cream of Tartar), $C_4H_5KO_6$.

Authority, Cattell, Br. J. of Hom., 11, 521 (collected symptoms).

Tongue brown and dry.—Great thirst, and pain in umbilical region.—Violent vomiting and diarrhœa.—He vomits a blackish-green fluid.—Inflammation of the stomach and intestines.—Pain in umbilical region and great thirst.—Flatulence and griping.—Diarrhœa.—Diarrhœa and violent vomiting.—Fæces like coffee-grounds.—Pulse feeble.—*Pain in the loins.*—Thighs and legs appear as if paralyzed.—*Thighs and legs paralyzed.*—Emaciation.—Extreme weakness; he can scarcely walk.

KALI TELLURICUM.

Potassium telluriate, TeO_4K_3.

Authorities. Liebig and Wohler, Annals, 1853 (Z. f. H. Kl., 2, 189); **1**, took .04 gramme daily for four days, then .05 gramme for two days, then .08 gramme one day; **2**, another person took .04 gramme.

Mouth.—Tongue coated white and somewhat swollen (seventh day),[1].—Garlicky odor in the mouth,[2].—The most remarkable symptom was the garlicky odor of Tellurium in the breath; this appeared very soon after the first dose, and was noticed for seven weeks; it was so offensive to others that the experimenter was obliged to avoid society,[1].—Very copious secretion of saliva (seventh day),[1].

Stomach.—Increased appetite,[2].—The appetite seemed to be increased during the first three days, but afterwards became less and less,[1].—Loss of appetite (seventh day),[1].—Inclination to vomit (seventh day),[1].—The gastric symptoms lasted for fourteen days,[1].

Heart.—Oppression in the cardiac region (seventh day),[1].

Sleep.—Sleepiness,[2]; during the first days,[1].

KALMIA.

Kalmia latifolia, Linn.

Natural order, Ericaceæ.

Common names, Mountain Laurel, Calico Bush.

Preparation, Tincture of the mature leaves.

Authorities. (Nos. 1 to 5, experiments of "W." with infusion of leaves, Boston Med. and Surg. Jour., 1834, vol. x, p. 213 et seq.) **1**, effect of infusion of 2 ounces of leaves to 1 part of water, all taken in small doses during one afternoon; **2**, effect of 1 ounce of strong infusion; **3**, effect of two doses, of 2 ounces each, of a maceration of 2 ounces of leaves in a pint of alcohol; proving subsequently repeated; **4**, effect of 20 grains, and subsequently of 18 grains, of powdered leaf; **5**, effect of 10 grains of powder first day, then 5-grain doses five times a day for three days; **5** *a*, Tully, general effects of tincture and infusion communicated to "W." (*Nos. 6 to 23 from Hering's Compilations*, Trans. Am. Inst. of Hom., vol. i, compared and revised by the Amer. Arzn. Pruf., with additions from the latter.) **6** to **11**, Behlert, provings with the 30th dil.; **12**, Bute; **13**, Clark, effects of 2d dil. in a young lady; **14**, Hæseler, 30th dil.; **15**, Kummer, by Dr. Freitag, 30th; **15** *a*, same, 3d dil.; **15** *b*, same, 1st dil.; **16**, W. Link; **17**, Puihn; **18**, Reichelm, effects of 3d dil.; **19**, Thomas, 30 drops of infusion, six times a day; **20**, Williamson, 2d dil.; **21**, Hering; **22**, case of poisoning from eating a pheasant, in the craw of which laurel leaves were found, from Shoemaker; **23**, same, second case. (*Nos. 24 to 28 from provings by L. Faust, N. Y. Hom. Med. Coll.*, 1876–7.) **24**, L. Faust, aged 20, two provings with tincture; doses repeated, from 4 drops first day to 1½ drachm the thirteenth day; **25**, same, proving with tincture repeated, doses of 30 to 90 drops; **26**, R. E. Mead, effects of tincture, 30 to 75 drops; **27**, E. C. Stracher, tincture, 15 to 75 drops; **28**, E. P. Macomber, proving with 3d dil., 10 drops twice first day.

Mind.—Emotional. A feeling of anxiety; feel as though something dreadful was going to happen to me (seventh day),[24].—Irritable disposition of the mind towards evening, which continues next morning,[18].—Irritable, feel like scolding everybody (after first dose, fifth day); same peevish disposition as yesterday (sixth day),[24].—***Intellectual.*** Do not want to study (thirteenth day),[24].—Did not feel like going to my books this morning (tenth day),[24].—Cannot study; restless, want to leave the office; don't know where to go (half an hour after first dose, eleventh day),[24].—Feel as though I would not like to be spoken to; do not feel like going to the office; take up a book at home, but cannot collect my thoughts (after second dose, eleventh day),[24].

Head.—Confusion and Vertigo. Confusion of the head in the evening,[18].—Confusion and pain in the head, with backache,[18].—[**10.**] * *Vertigo*,[5a]; (after second dose, eleventh day),[24].—Vertigo, worse toward noon (fourth day),[24].—Vertigo, while stooping and looking downwards

(from 8 till 9 A.M., and from 3 till 6 P.M.),[6].—Vertigo and headache,[17].—Vertigo, with some nausea, attended with pains in the head and limbs,[15].—**Vertigo, with pains in the limbs*,[15].—Vertigo so excessive that antidotes were necessary (from 30 drops of the infusion six times a day),[19].—Dizziness continuing two hours (after two and a half hours),[1].—Slight dizziness and fugitive glow in different parts of the surface, with increase of sweating (after one and a half hour),[2].—Rather dizzy (after two and a half hours),[4].—[20.] Considerably dizzy (after two hours),[1].—Got up after studying, but was so dizzy that I could hardly walk (seventh day),[24].—***General Head.*** Dulness in the head (after second dose, eleventh day),[24].—Dulness in the head (first day),[15b]; (thirteenth day),[24]; in evening,[15a].—Dulness in the head until evening, which continues slightly early the next morning,[15a].—Dulness and aching in the head, preceded by nausea, in the evening,[15].—Dulness of the head and difficult hearing, with pains in the limbs,[15].—A dull, drowsy feeling in the head, after this, a raging headache in the temporal and occipital region (second day),[24].—Heaviness in the head for a short time on the right side, but towards evening the same sensation very severe on the left side,[15b].—Pain in the head when awaking in the morning, and in the evening,[13].—[30.] Pain in the head, neck, and back (thirteenth day),[24].—Pains in the head and limbs, with vertigo,[15].—Headache, with vertigo,[15 17].—Headache, with flushed face (fifth day),[25].—Headache, with nausea,[6].—Headache internally, with the sensation, when turning, of something loose in the head diagonally across the top of it,[7].—Severe headache at noon of the second day; it is most severe in the right side,[15b].—Intermittent headache (tenth day),[24].—A dull headache, which cannot be located; it has continued all the afternoon and evening; at first it seems to be in one place, then in another, but most prominently in the back part of the head, especially in those parts back of the forehead (third day),[25].—A full, dull feeling in the head (first day); increased (second and third days),[24].—[40.] Awoke with full, dull feeling in the head; for an hour after getting up did not feel like doing anything (sixth day),[24].—Surging of blood to the head, and as it were against the left cheek; left cheek uncomfortably hot (first day),[26].—Tearing in the head,[8].—Tearing in the head and neck,[6].—***Forehead.*** Pain in the forehead every day, which extends to the roots of one of the upper molar teeth of the right side,[6].—Pain in the forehead every morning on awaking,[8].—Pain in the forehead on rising, which increases afterwards,[11].—Pain in the forehead and over the eyes in the evening; it seems to move backwards and down the neck outwardly on both sides, then disappears, and is followed by pain in the left shoulder,[6].—Slight pain in the forehead,[1].—Slight pain above the forehead,[3].—[50.] Pain across the forehead over the eyes,[8].—Slight aching in the forehead, which sometimes shoots downwards to the eye-teeth, and at one time is easier in the forehead, at another in the teeth,[6].—Headache in all parts of the head behind the forehead (third day),[26].—Severe frontal headache (second day),[26].—Severe frontal headache, lasting two days; could not concentrate my mind on my book (after three days),[27].—Dull, heavy headache, confined to the forehead and temple, especially marked in the forehead, aggravated by mental effort (first day),[28].—Pressing in the forehead late in the evening,[18].—Pressing pain in the forehead, especially in the right side (first day),[18].—Pressure in the upper part of the glabella (fourteenth day),[18].—Tearing in the forehead and in the head, on rising from bed, succeeded by tearing in the bones of the hips and lower extremities down to the feet,[6].—[60.] Tearing pain across the forehead,[9].—Tearing in the left side of the forehead,

which extends into the temple,[10].—Pulsating pain in the forehead,[7].—***Temples.*** Violent pain in the temples and forehead (second day),[13].—Headache in the temporal region (fifth day); (six hours and a half after second dose, fourth day),[24].—Severe pressing in the temples and on both sides of the neck,[15].—Violent pressure in the right temple (third day),[15b].—Acute pain in the left temple, which is very much increased by going upstairs,[20].—Pain shooting from the temples to the occiput (twelfth day),[24].—Pain at the temples, shooting into the eyes (seventh day),[24].—[**70.**] Pain shooting from the vertex into the temples; the head feels as if it would burst (sixth day),[24].—Tearing in the right temple, passing downwards,[8].—***Vertex.*** Pain in the top of the head, as if bound closely with a cord,[13].—Violent pain in the crown of the head, which extends down in the direction of the cervical vertebræ (after half an hour),[22].—Headache on vertex (fifth day),[24].—***Parietals.*** Pain only on right side of head (ninth day),[24].—Violent pressure at times on a small spot on the right side of the head above the forehead in the evening in bed (second day),[18].—Pain and throbbing in the whole left side of the head, with stitches in the left ear and behind the right,[15].—***Occiput.*** Pain in the back of the head and in the neck (tenth and eleventh days),[24].—Dull pain around the back part of the head, with frequent sharp, darting pain in the right side of the head,[13].—[**80.**] Headache in the occiput, with pain in the neck (second day),[25].—Dull occipital headache (second day),[25].—Dull headache in the occiput and temples (third day),[25].—Shooting from the nape of the neck up into the head,[6].—A shock towards the occiput from the back of the neck, with heat,[6].

Eye.—Inflammation of the left eye in the morning, with a burning-jerking pain, till near noon, when the pain becomes more tolerable, and scarcely perceptible (sixth day),[18].—Eyes weak,[18].—A pain in the right eye (ninth day),[24].—Pain in the right eye, even weeks afterwards,[15b].—Pain and pressure in the eyes (third day),[25].—[**90.**] **Pain in the eyes, which makes it painful to turn them,*[13].—Burning with pressing in the eyes, particularly in the left one (fifth day),[18].—Pressure in the eyes (fourteenth day),[24].—Constant pressure in the eyes; can hardly keep them open (seventh day),[24].—Woke this morning with a painful pressure over the eyes, and temporal headache, which was for the time being relieved by cold water (ninth day),[24].—Pressing in the eyes, in the afternoon,[18].—Pressing in the eyes, attended by pains in the arms and hands, in the legs down to the feet, and sometimes in the right side of the abdomen,[15].—Violent pressing in the right eye, in the evening,[15b].—Pressing pain about the eyes (fifth day),[18].—Sticking in the eyes,[15].—[**100.**] Stitches in the eyes,[15].—Stitches and violent pressing in the right eye; the eyes feel dim and weak (third day),[15b].—Acute stitches in the eyes, towards evening; in the right eye in the morning (second day),[15b].—Itching in the eyes,[15b].—Itching of the eyes and stinging, when rubbed,[13].—Itching and burning in the left eye, in the afternoon (fifth day),[18].—***Brow and Orbit.*** *Sensation of stiffness in the muscles around the eyes, and of the eyelids,[13].—Pain in the supraorbital region extending to the occiput (third day),[27].—A sensation of pressing above the right eye, about noon (third day),[18].—Stitches under the left eye,[15].—***Lids.*** [**110.**] Soreness of the lids (fourteenth day),[24].—Soreness of the edges of the eyelids (second day),[25].—***Ball.*** A sensation in the eyeball as though the walls of the orbit were pressing it out of its sockets (second day),[21].—Shooting pain from the temples to the eyeballs, at 10.30 A.M. (fifth day),[24].—***Vision.*** Imperfection of vision,[5a].—Vision much

affected, especially by darkness, coming before the eyes every three or five minutes, and afterwards if in an erect position,[3].—Dimness of sight, which was greater in the paroxysms of vomiting (after two hours and a half),[1].—Sensation of a cloud before the eyes, at intervals,[4].—Cloudiness before the eyes, so that he could not read without spectacles (third day),[15].—Becoming black before the eyes while looking downwards, with belching of wind, and some nausea, about 8 or 9 A.M.,[6].—[120.] Almost complete blindness when in an erect position,[1].—Entire loss of sight (after half an hour),[22].—**Glimmering before the eyes*, exactly in the point of vision, so that it is almost impossible to distinguish the words while reading; it seems as if small points were continually moving before the eyes; this continues half an hour, together with some nausea, about 3 P.M. (second day),[15].

Ear.—Pain behind the right ear, on the right side of the head, and in the leg,[15].—Pain in the right ear (fourth day),[25].—Darting pain through the ears, which lasted but a moment at a time (two hours after first dose, fourth day),[24].—Stitches in the ears,[15].—Stitches in the right ear and behind it,[15].—Severe stitches in the ears, at 4 P.M., followed by pain in the arms,[15].—Severe stitches in the right ear, in the night of the second day,[15b].—***Hearing.*** [130.] Buzzing in the ears (half an hour after second dose, fourth day),[24].—Excessive ringing in the ears, in the afternoon (fourth day),[18].—Frightened by cracking in the head,[18].

Nose.—Fluent coryza, with frequent sneezing, and perceptibly increased sense of smell,[14].—The nose is sometimes obstructed, particularly in the evening,[9].—One side of the nose has been occluded for three days (eighth day),[24].—Pain deep in the left side of the nose (third day),[25].—Continued pressure on the bridge of the nose, with frequent sneezing (second day),[15a 18].—Tickling in the nose,[6].—Tickling in the nose, like that which precedes coryza,[9].

Face.—Objective. [140.] Paleness of the face,[23]; (first day),[28].—Face flushed (first day),[26].—Flushed face with the headache (fifth day),[25].—***Subjective.*** Pressive pain between the right eye and right side of nose, in the afternoon,[18].—Sticking in the bones of the face,[8].—The pain in the forehead is sometimes followed by tearing in the bones of the right or left side of the face, or on the top of the head,[8].—**Neuralgia in the face* (fifth day),[24].—Stitches in the left upper jaw and zygoma,[8].—***Lips.*** Lips swollen, dry, and stiff, in the morning (second day),[13].—***Chin.*** Pain under the angle of the jaws (second day),[25].—[150.] Darting aching pain in the jaw (fifth day),[25].—Shooting in the jaws and teeth (first day),[28].—Tearing in the right lower jaw,[8].—Stinging in the bones of the jaws,[6].

Mouth.—Teeth. Pain in the upper teeth,[15].—Pain in the lower incisor teeth (fifth day),[25].—Pain in the molars, at 10.30 A.M. (fifth day),[24].—Pain in the roots of the right upper back teeth, coming from the forehead,[8].—Short pains in the teeth of the right side, in the evening (third day),[15b].—Dull pain in the teeth, especially in the incisor and eye-teeth,[18].—[160.] Neuralgic pains in the upper molar and bicuspid teeth of the left side,[27].—Toothache (second day),[24].—Toothache as if the nerve were laid bare (third day),[25].—Drawing toothache (fourth and fifth days),[21].—Severe pressing in the molar teeth, which continues for several hours, after 10 P.M.,[18].—Shooting in the right teeth, coming from the forehead,[6].—***Tongue.*** Tongue white and dry,[13].—Inflammation of the sublingual glands,[16].—Cutting pain in right side of tongue, relieved by biting on it (after second dose, eighth day),[24].—Stitches in the tongue,[15].—***Saliva.*** [170.] Tingling in the salivary glands, immediately after eating, attended with a sensation of fermen-

tation in the œsophagus, and copious salivation,[14].—Secretion of saliva more free than from an ordinary emetic,[1].—***Taste.*** Acrid, bitter taste in the mouth. (Hering.)

Throat.—Continual rising of a slippery mucus in the throat, with tickling in the larynx,[14].—Feeling of a ball rising into the throat (after three hours and a half),[4].—A feeling as of a ball rising up into the throat, but without the least nausea,[1].—Dryness of the throat, which renders deglutition difficult,[13].—Swollen feeling in the throat,[16].—Pressing in the throat and nausea, with stitches in the eyes,[15].—Sensation of rawness and scraping in the throat, which is painful while swallowing, and is attended by throbbing in both the tonsils,[6].—[**180.**] Scraping in the throat,[6]; (first day),[25].—Scraping in the throat, which excites a cough, day and night,[8].—Scraping sensation in throat, which lasted all day, and caused a constant desire to cough (fourth and eleventh days),[24].—Difficult deglutition,[15].—Pain in the region of the submaxillary gland, shooting towards the parotid, in the evening (eleventh day),[24].

Stomach.—Thirst. Increased thirst (fourteenth day),[24].—Thirsty,[13].—***Eructation.*** Eructations and nausea,[6].—Belching of wind,[6].—***Nausea and Vomiting.*** *Nausea*,[24], etc.; with the vertigo; with flickering before eyes; with pressure in throat; with oppression of chest; with pains in elbows,[15]; with entire loss of sight (after half an hour),[22]; with blackness before eyes,[6]; with incarcerated flatulence,[18].—[**190.**] Nausea, in the evening, followed by some dulness and aching in the head (second day),[15].—Nausea, soon after the stool, at 10.30 A.M. (fifth day),[24].—Excessive nausea, with dimness before the eyes,[23].—Momentary nausea, with incarceration of flatus, in the afternoon while riding, followed by a stool, with cutting pain in the bowels (third day, after repeated doses),[18].—Continual retching (after half an hour),[22].—Vomiting, with ruminating action,[3].—Vomiting began (after two hours and a half), recurred every three or five minutes for an hour, without the least nausea; considerable bile thrown up towards the close, with an action like rumination,[1].—***Stomach.*** Digestion better,[5].—Rumbling and a sense of emptiness in the stomach, as if I had had no breakfast (third day),[24].—Warmth in the stomach,[5a].—[**200.**] Sensation of warmth through the epigastric region, which gradually increased (half an hour after last dose),[1].—Glow through the epigastric region, with a feeling as though some new action was going on there (after two hours and three-quarters),[2].—Some glow in the stomach,[4].—Slight glow felt in stomach, with vertigo and prickling in the skin (after half an hour),[3].—Feeling of weakness, extending from the abdomen up into the throat,[6].—Emptiness in the stomach (fourteenth day),[24].—Emptiness in the stomach, which caused headache and nausea (after first dose, eighth day),[24].—Uneasiness at stomach, not nausea, nor yet exactly the same feeling produced by the infusion,[3].—Disagreeable feeling at stomach (after six hours),[4].—Pain in the epigastrium (second day),[25].—[**210.**] Distress in the stomach after dinner, as though it was overloaded (fourteenth day),[24].—Feeling of contraction in the stomach (after three hours and a half),[2].—Sensation of gradual contraction of the stomach, forcing its contents up into the œsophagus,[1].—Pain in the stomach as if something were tearing the walls from their connections (ninth day),[24].—Drawing-tearing pain in the epigastrium, which was aggravated by the slightest movement, even on attempting to talk (fifth day),[24].—**Pressure in the pit of the stomach, relieved by sitting erect, aggravated by sitting bent over; with a feeling as though something were pressed*

down beneath the pit of the stomach,[14].†—Gnawing in epigastric region; a feeling of emptiness in same region, at 8 A.M. (seventh day),[24].

Abdomen.—Hypochondria. Pain in the hypochondriac region (second day),[25].—Stitches in the left hypochondriac region, at 8 A.M. (seventh day),[24].—Pain in the right side, in the region of the liver,[13].—***Umbilical and Sides.*** [220.] Pain about the umbilicus (fifth day),[25].—Pains in the right side of the abdomen,[15].—Pain in the right side of the abdomen, followed by a pain in the right gluteus muscle,[15].—Pressure in the right side of the abdomen,[15].—***Abdomen.*** Incarceration of flatulence, with nausea,[18].—A sensation of weakness in the abdomen, rising up into the throat; when violent it is sometimes relieved by eructations, but returns immediately,[6].—Occasional pain across the abdomen,[13].—Sensation in the bowels as if there would be a cathartic operation, but none followed,[1].—Pain in the bowels, which drove me to stool; stool passed with tenesmus, at 10.30 A.M. (fifth day),[24].—After breakfast, cutting pain in the bowels, followed by a loose stool, which relieved the pain (fifth day),[25].—[230.] Cutting colic during the stool,[8].

Rectum and Anus.—Stool normal, but followed by burning in the anus (ninth day),[24].—Excessive burning in the anus after stool; stools hard (seventh day); stool this morning very hard and large, so that it was voided with difficulty; after stool, excessive burning in ano (eighth day),[24].—Inclination to go to stool, in the forenoon (fourth day),[18].

Stool.—Diarrhœa. A soft stool, early in the morning, followed by a diarrhœa, which lasted two hours, and another soft stool the same forenoon (fourth day),[18].—Two soft stools, and an evacuation of wind, in the forenoon (fifth day),[18].—Easily discharged, as if smoothed over, pappy stool, followed by pressing in the rectum,[14].—***Constipation.*** Constipation (ninth and tenth days),[24].—Constipation so obstinate at this time, that the proving was discontinued for thirteen days, during which the constipation subsided,[24].—An attempt at stool was unsuccessful, the stool being too large to pass, in the morning; passed with great difficulty, at 10 A.M. (eleventh day),[24].—[240.] No stool the first day; scanty stool, in the morning (third day); looseness of the bowels, at noon, after the stool in the morning; stools less frequent (third day),[18].

Urinary Organs.—Urethra. Slight burning during urinating (second day),[25].—***Micturition.*** Frequent desire to urinate (first day),[26]; (after 30 drops, second day),[27].—Frequent desire to urinate; the urine feels hot as it passes; only small quantities pass at a time; urinate about once in thirty or forty minutes (second day),[26].—Great desire to urinate (ninth day),[18].—Frequent discharges of yellow urine, in increased quantity,[14].—***Urine.*** Urine somewhat increased (fourth and fifth days),[24].—I thought there was some increase of urine during this experiment and the former one,[2].—Urine increased, not changed in color; slight burning on passing it (fourth day),[25].

Sexual Organs.—Male. Frequent erections, lasting ten to fifteen minutes, not accompanied with sexual desire, but came on spontaneously (seventh day),[24].—[250.] Pain in the right testicle in the morning, which changed to the left side in the afternoon (fifth day),[25].—***Female.*** Yellowish leucorrhœa in the morning, eight days after the appearance of the menses (three weeks after the exhibition of Kalmia), (during the leucorrhœa several

† Several provers had similar sensations, though only after the 30th; compare heart symptoms.—C. Hg.

old symptoms reappeared),[6].—The menses appear eight days too early (fourth day); the next time they make their appearance fourteen days too late,[8].—Menstruation insufficient and delayed, with pains in the loins, back, and anterior part of the thighs,[13].—Painful menstruation,[13].

Respiratory Organs. **Tickling in the trachea,*[14].—***Cough and Expectoration.*** Cough day and night,[8].—Cough excited by scraping in the throat,[9].—Cough with mucous expectoration in the evening,[6].—Cough, with easy expectoration of a gray, smooth, unctuous matter, which has a putrid, saltish taste; on spreading it out it separates into small pieces,[14].—***Respiration.*** [260.] A peculiar noise while breathing, like that caused by spasmodic affections of the glottis,[23].—**Oppressed breathing* (third day),[26].—Oppression and shortness of breath, which obliges him to breathe quickly, involuntarily,[14].—**Oppressed breathing with palpitation of the heart and anxiety* (third day),[26]; (after thirty drops, second day),[27].—Difficulty of breathing, accompanied by anxiety (fifth day),[24].—Difficulty of respiration, with erysipelatous eruption,[21].—Difficult respiration, with pains in the limbs,[15].

Chest.—Oppression of the chest, after the fifth dose, every fourth day,[15].—Oppression of the chest, with sensation of swelling in the throat,[16].—Oppression of the chest, difficulty of breathing, dulness of the head, and nausea and various pains,[15].—[270.] Sensation in the chest as if strained by lifting,[13].—Sticking pain in the right lung, under the third and fourth rib, causing dyspnœa (thirteenth day),[24].—**Stitches in the lower part of the chest,*[6].—Pressure in the right side,[6].—Tearing in the whole left side,[8].—Stitches below the breast,[6].

Heart and Pulse.—Heart's Action. **Fluttering of the heart* (second day),[28].—Slight fluttering of the heart (seventh day),[24].—***Palpitation of the heart,**[16].—**Palpitation of the heart* (this symptom was felt yesterday, but I did not heed it until it became pretty intense to-day), (seventh day),[24].—[280.] *Palpitation of the heart,* on walking slowly upstairs (first day),[28].—**Palpitation of the heart, with anxiety and oppressed breathing* (third day),[26]; (after thirty drops, second day),[27].—*Violent palpitation of the heart, with a faint feeling* (second day),[28].—***Pulse.*** Pulse 84, at 10 A.M. (half an hour after first dose, eleventh day),[24].—Pulse 66 to 70 (before proving); 80 at 10 A.M.; 68 at 4 P.M. (fourth day),[24].—Pulse 68 at 8 A.M.; 80 at 10 P.M. (tenth day),[24].—Pulse 70 (ninth day); (at 9.30 sixth day),[24].—Pulse 62, at 9.15 A.M.; 64 at 4 P.M. (seventh day),[24].—Pulse 66 at 4 P.M.; 54 in three consecutive minutes (after second dose, at 10 P.M., fifth day),[24].—Pulse 60 to 64 before taking; 48, strength not affected, or only slightly affected (after third dose),[3].—[290.] Pulse 54 (fourteenth day),[24].—Pulse 58 before taking; 48 (after two hours and a half); 40 and very gentle in its action (after five hours); 37 (after six hours),[4].—**Very feeble pulse, of forty strokes in a minute,*[23].—Pulse extremely weak and creeping; the artery seemed to slowly contract and dilate like the action of an earthworm; its frequency was 40 to the minute, lasting two hours,[1].—Imperceptible pulse (after half an hour); when it reappeared it beat only forty strokes in a minute,[22].—Pulse 35 when lying down (after three hours), continuing slow for some time,[2].—**Irregular pulse* (first day),[28]; (second day),[25].—*Irregular pulse,* aggravated by mental effort and when leaning over to write (second day),[28].

Neck and Back—Neck. Pain in the neck extending down the back (sixth day). The pain in the neck has increased to stiffness, being the greatest at the seventh cervical (or vertebra prominens), (eleventh day).

A little stiffness in the neck, in the morning (twelfth day),[24].—Pain in the neck with headache in the occiput (second day),[25].—[300.] Pain in the right side of the neck,[15].—Pain in the sterno-cleido-mastoid muscle (third day),[25].—Drawing and sticking in the left side of the neck, in the afternoon, continuing eight hours,[18].—A pressure on both sides of the neck,[15].—Violent pressure in the right side of the neck, and at the same time in the left foot,[15b].—Something shoots down both sides of the neck externally,[6].—Acute stitches and itching on the left side of the neck, at night,[6].—Tearing in the nape of the neck,[6].—***Back.*** Pain in the back (fourteenth day),[24]; during menses,[8].—Pain in the back extending through the shoulders,[13].—[310.] Pain down the whole back (ninth day),[24].—Constant pain in the spine, sometimes worse in the lumbar region, with great heat and burning,[13].—Severe pain in the back, after retiring (fourth night),[24].—Violent pain down the back,[23].—A sensation as if the spinal column would break, with an anterior convexity,[14].—***Dorsal.*** Pain in the shoulder-blades,[13].—Pain in the interscapular region (ninth day),[24].—Pain between the shoulders coming up over the head into the temples, not affecting the eyeballs (first day),[25].—Sharp pain in the three superior dorsal vertebræ, extending through the shoulders,[13].—Sticking pain in the lower part of the left shoulder-blade (third night),[15b].—***Lumbar.*** [320.] Lameness in the small of the back, in the evening in bed (third day),[18].—Paralytic pain in the small of the back, at 10 P.M., in bed, with continued dulness and pain in the head (second day),[18].—Aching pain across the loins, worse in the evening,[20].—Sharp pain in the lumbar region (after thirty drops, second day),[27].—Sticking pain in the lumbar region (first day),[26].—Sticking pain in the lumbar region, worse on motion (third day); continues to come and go (fourth day),[25].

Extremities in General.—Weariness in the limbs,[6].—Pains in the arms, hands, and legs down to the feet,[15].—Pain in the left arm and in both legs, in the evening,[15].—Pain in the right arm, and tearing in the left leg, while at rest, which disappears on rising; it extends less severe through the whole of the left side and arm,[8].—[330.] Pain in the right shoulder and left arm, particularly the elbow, and in both lower extremities, especially the knees,[15].—Frequent pains here and there in the limbs, continually changing from one place to another, for ten days, during the exhibition of a few globules every second day; they lasted three weeks after the discontinuance of the medicine,[15b].—Frequent pains in the muscles of the extremities, and also in the head, with dulness, vertigo, and some nausea,[15].—Alternate pains in shoulder, hip, and ankle-joint (fourteenth day),[24].—Brief pains in the left elbow, arm, and knee, in the morning, and in both arms in the afternoon; while lying it is not observed (third day),[15].—Sprain-like pain at times in the feet and hands,[15].—Pressing pain in the left shin, and in the muscles of the left arm, accompanied with the same kind of pain in the right foot,[15b].—Pressing in the left shin and shoulder, and also in the left arm, followed by pressing in the right shoulder and arm,[15].—Stitches in both upper and lower extremities rapidly changing their position (after thirty drops, second day),[27].—Tearing in the right shoulder, in the left arm, in the right lower jaw, and in the flesh of the whole of the left leg downward,[8].—[340.] Limbs feel as if they had been beaten (third day),[26].

Superior Extremities. A tired sensation in the arms; I do not feel like writing (fifth day),[25].—Pains in the arms,[15].—Pains in the arms and hands,[15].—Pain in the right arm,[8].—Pain in the whole right arm for weeks,[15b].—**Pains in the left arm*,[15].—Drawing pain on the inner side of the left arm of short duration, at night (third day),[15b].—A pressure in the right

arm,[15].—***Pressure in the left arm,**[15].—[**350.**] Stitches under the left arm,[15]. —Tearing in the left arm,[8].—***Shoulder.*** Tearing from the right shoulder down the arm,[8].—Pain in the shoulders in the morning on waking (third day),[25].—Pain in the right shoulder,[15]; (first day),[26 27].—**Pain in the left shoulder,*[6]; (ninth day),[24].—Alternate pains in shoulder and elbow-joint of right arm, locating itself in the elbow (second day),[24].—Rheumatism in the shoulder, so that I could not raise my arm (sixth day),[24].—Rheumatic pains in the right shoulder and scapula (first day),[25].—Pressing below the left shoulder, in the evening (second day),[18].—[**360.**] Pain beneath the left shoulder, pressive,[15].—Pain sticking in the shoulder-joint (third day),[27].— Tearing in the shoulder-joint,[6].—Tearing pain in the right shoulder,[8].— ***Arm.*** Pain in the left arm above the elbow, and soon afterwards between the elbow and hand; frequently alternating between the two places during one hour, and followed by pain in both legs below the knees, which extends to the feet,[15b].—Pressure in the upper arm,[15b].—Lancinating pain in the middle of the humerus (two hours after first dose, fourth day),[24].—***Elbow.*** Frequent violent cracking in the elbow-joints, in the afternoon,[18].—Pains in the left elbow,[15].—Neuralgic pain in right elbow, which alternately drew to the shoulder and wrist-joint, but finally located itself in the elbow (first day),[24].—[**370.**] Pain in elbow, which extended to the wrist and produced a sensation in the forearm as if it were in a vice (second day), increased (third day),[24].—Sticking pain in the left elbow-joint (third day),[27].— ***Forearm.*** Cramplike pain from the elbow down to the middle of the forearm,[8].—Sticking pain, which shoots along the ulna (seventh day),[24].— Tearing from the knuckle of the little finger of the right hand, up to the elbow,[11].—Tearing from the left elbow down the arm to the index finger, which is flexed in a jerking manner,[11].—***Wrist.*** Pain in the left wrist, so that the hand seems palsied (after weeks),[15b].—Sticking pain and weakness in the wrist-joint, almost disabling me from writing (tenth day),[24].— ***Hand.*** A sensation like paralysis in the right hand (after six doses),[15].— Pains in all the joints of the hand (first day),[27].—[**380.**] Pains in the right hand,[11].—Pains in the left hand, particularly in the palm close to the wrist (after sixth dose),[15].—Pain in the hand as from a sprain,[15].—Aching in the left hand and fingers,[6].—Slight aching in the left hand and fingers, and in the posterior part of the left leg, towards the heel, with jerking of the heel,[6].—Repeated stitches in the hands,[6].—Gnawing pain in the palm of the hand, at the metacarpo-phalangeal joint, at 4 P.M. (fifth day),[24].— ***Fingers.*** Pain in all the fingers of the left hand at the same time (third day),[15b].—Pain in the left little finger, extending to the wrist, along the ulna to the elbow (first day),[27].—Pain in the left little finger forcibly flexing it (after thirty drops, second day),[27].—[**390.**] Pain in the little finger, extending up the arm along the ulna, of a drawing character (first day),[26]. —Sticking pain in the index finger of the left hand (third day),[25].—Sticking pain in the right index finger, in the evening, which is soon followed by a severe pain in the hollow of the right knee and in the calf of the leg, attended by difficulty of breathing (after six doses),[15].—Stitches in the fingers,[15].—Stitches in the right index finger,[15].—Stitches in the left index finger,[15b].—Tearing in the index finger extending from the elbow,[11].

Inferior Extremities.—Numbness of the limbs, as if asleep,[13].— A feeling of lassitude in the limbs, as if I had walked a great distance (sixth day),[24].—When going down stairs a sensation as if the tendon of the quadriceps extensor would give way, and I would fall down stairs (second day),[25].—[**400.**] **Pain in the lower extremities* (second day),[26].—**Pain in*

both limbs,[15].—**Pains in the legs down to the feet*,[15].—**Pain in the leg*,[15].—A peculiar pain along the outside of the left leg, which is very frequently repeated,[15].—**Rheumatic pains in right leg, extending as far as the toes, in the morning* (fifth day),[24].—**Rheumatic pains in the leg, from the hip down* (after second dose, eighth day),[24].—Rheumatism in right leg (tenth day),[24].—Rheumatism returned in the afternoon (eleventh day),[24].—Aching of the left leg down to the heel,[6].—[410.] Tearing in the left limb,[8].—Tearing in the bones of the hips and lower extremities, down to the feet,[6].—Tearing in the flesh, down the whole left leg,[8].—***Hip.*** Sticking pain in the hip and sacral region (seven hours after second dose, fourth day),[24].—Stitches shoot from the right side into the hip-bones, in the evening,[6].—Tearing in the hip-bones, extending down to the feet,[6].—***Thigh.*** Pain in the forepart of the thighs, during menses,[13].—Pain in the right thigh,[15].—Pain in the right nates,[15].—Sticking pain in the thigh, extending to the knee (first day),[27].—***Knee.*** [420.] Pain in the knees,[15].—Pain in the left knee,[15]; (third day),[25].—Pains in the left knee and foot, and also in the right foot repeatedly (third day),[15].—Pain in the left kneecap,[15b].—Pain in left patella (sixth day),[24].—Pain in knee under right patella, soon (sixth day),[24].—Pain in the bend of the left knee, which is immediately followed by very severe, frequent, but brief pain in the left index finger, and afterwards in the right foot,[15b].—Severe pain in the knee, also in left ankle, after retiring (fourth night),[24].—Violent pain in the right kneecap,[15].—Stitches on the lower part of the knee, outside, in the evening,[6].—***Leg.*** [430.] On standing, a weakness below the knees, with a feeling as though I would fall down (six hours after first dose, fourth day),[24].—Pain in the lower legs,[15].—Pain below the knees, extending to the feet,[15b].—Neuralgic pains in the leg, between ankle and knee-joint (first day),[24].—Numbness in the shins, in the afternoon,[18].—Pain in the left tibia,[15b].—Neuralgic pains in leg along the tibia (this symptom I have felt during the whole proving); at times very severe pain in the ankle (fourth day),[24].—Pressure in the left tibia,[15 15b].—Pressing in the left shin, at 8 A.M., and in the left shoulder at 10 A.M. (first day),[15].—***Ankle.*** Aching in the right tarsal bones,[11].—***Foot.*** [440.] Pain in the feet,[15].—Pain in the right foot,[15 15b].—Pain in the left foot (first day); very violent in the whole foot (tenth day); (after first and again after fifth dose),[15b].—Pressure on the left foot,[15b].—Pain as from a sprain in the feet,[15].—Stitches in the feet,[15].—Sticking in the soles of the feet,[6].—Stitches in the soles of the feet and toes (after 30 drops, second day),[27].—Jerking in the heels,[6].—***Toes.*** Stinging in the toes,[8].—[450.] Stinging in the left great toe,[8].

General Symptoms.—Objective. Very languid (fourteenth day); in the morning (eleventh day),[24].—Great weariness, in the evening, particularly in the extremities, so that it is nearly impossible to go upstairs,[13].—Very tired all the evening; do not feel like recording the symptoms (fourteenth day),[24].—Fatigue of the muscles, my legs feeling on going upstairs as though I was struggling under the utmost weight they could bear (after two hours and three-quarters),[2].—Could not go above three steps without being completely exhausted, and likely to fall from weakness and dizziness,[3].—Muscular prostration was such that I could scarcely walk across the room,[1].—Restlessness, frequent turning,[13].—Restless, went from one place to another looking for something and did not know what (half an hour after second dose, fourth day),[24].—Indisposition to move, with aversion to exercise,[13].—***Subjective.*** [460.] A feeling of lassitude over the whole body (after first dose, fifth day),[24].—Feel very tired, can hardly walk, in the evening (eleventh day),[24].—Sensation of great fatigue in all the mus-

cles, especially when exerted; this appeared first in those of mastication, which were excessively affected by a very moderate exertion,[1].—Faint feeling, which left me with vertigo (soon after first dose, fourth day),[24].—A faint feeling, with violent palpitation of the heart (second day),[28].—A feeling all over the body as if I had been exposed to a soaking rain (first day),[24].—**Rheumatic pains all over the body* (sixth day),[24].—Slight rheumatic pains over the whole body, but of no particular moment (first day),[24].—Pressing pains in the whole body (in one hour and a half after taking the third dose of six globules, which had been repeated every fourth day),[15].—Sticking pains in different parts of the body (third day),[26].—Bruised feeling all over the body (one hour after first dose, eleventh day),[24].—[470.] (Relief of pain and watchfulness),[5b].—Want to stretch myself (first day),[25].—The symptoms subsided gradually and successively, having all disappeared on the sixth day,[13].

Skin.—Objective. Holding the flowers in the hands caused an erysipelatous itching eruption similar to Rhus, first on the hands, then spreading, with dangerous respiratory troubles (observed in a young, delicate girl, who afterwards, every year at the same time, had a roughness of the cheeks),[21].—Red, inflamed spots in different places on the body, which appear like the beginning of blood-boils, very painful, and continued for several weeks,[12].—Roughness of the cheeks every summer,[21].—A red spot, about the size of a pea, appeared on the outside of the left leg, a little below the knee, which itched excessively and was followed by a burning pain; this was succeeded by a second on the outside of the leg close to the knee, with excessive itching (from the afternoon of the sixth to the seventh day); on the morning of the seventh day a small spot appeared on the right knee, also with some itching of short duration,[18].—An itching red spot first on the left, afterwards on the right knee,[18].—***Subjective.*** Pricking sensation in the skin generally,[5a].—Slight prickling sensation, such as I have felt often in the spring, attended with increased tendency to sweating, immediately; considerably increased, and was most conspicuous in the scalp; this prickling sensation is peculiar, and can be compared to nothing but the effect produced on the mouth by essence of peppermint, which is a sense of coolness, with pricking by innumerable minute points at the same time (after two hours),[1].—[480.] Itching (after two hours and three-quarters),[2].—Itching and burning all over the body, as if I had been bitten by mosquitoes (thirteenth day),[21].—Considerable itching,[3].—Itching in the face at night,[6].—Itching in the bend of the right knee, in the afternoon (ninth day),[18].

Sleep and Dreams.—Sleepiness. Sleepiness (thirteenth day),[24]; lasting four hours and a half (after three hours),[2].—Sleepiness increased,[4].—Considerable sleepiness,[2].—Began to be sleepy (after half an hour); went to sleep in twenty minutes more, and slept till awakened, one hour,[1].—Very sleepy (half an hour after first dose, eighth day),[24].—[490.] Very sleepy, cannot study because of the sleepiness (fourteenth day),[24].—Feel very drowsy, at 3 P.M. (ninth day),[24].—Very drowsy, almost falling asleep while at study; cannot concentrate my thoughts on my books, at 2.30 (after four hours and three-quarters, sixth day),[34].—Perhaps some somnolency,[5a].—Considerable somnolency,[3].—***Sleeplessness.*** Restless sleep; unpleasant dreams; awoke about 4.30 A.M. with a dull headache; after that could only sleep a few moments at a time; awaking from frightful dreams (fourth night),[21].—After retiring restless; could not sleep for two hours; tossing about in bed; felt as though I had worked too hard, and

could not sleep (sixth night),[24].—Very restless after retiring, could not sleep (eleventh night); awoke at 4, after which I could not sleep very well, only a few minutes at a time; would awake out of annoying dreams (twelfth morning),[24].—Talking in sleep,[13].—Getting up and walking while asleep,[13].—***Dreams.*** [500.] Fantastic dreams,[13 14].—Fantastic and busy dreams,[14].—Unpleasant dreams,[13].—Wild, unpleasant dreams all night (second night),[24].

Fever.—Chilliness. Skin cool, covered with cold sweat (after two hours),[1].—Chill (this symptom was felt before, but I attributed it to the weather, but I find it is a regular chill), (thirteenth day),[24].—Cold and shivering on two successive days,[13].—Shivering, without coldness,[18].—A momentary shivering, without coldness, about 10 P.M., in bed, which seems to pass from the top of the head to the neck, under the scalp, attended with a cracking noise, and at the same time alarm, without palpitation of the heart; a sensation as if the body were surcharged with electricity; this sensation was repeated four times in the course of half an hour, and the whole ended with the sound of a horn before the ears,[18].—Rapid alternations of chill and heat all over the body (third day),[26].—[510.] Creeping over the back,[6].—Creeping over the back and weariness in the limbs,[6].—Coldness of the extremities,[23]; (after half an hour),[22].—***Heat.*** Feeling of heat all over the body (soon), (sixth, seventh, and eighth days),[24].—Heat and burning, with pains in the loins,[13].—After taking the medicine, heat all over the body, flushed face (first day),[25].—Great heat all over the body (half an hour after first dose, eleventh day),[24].—Alternate heat and cold over the body (second day),[26].—Alternate flushes of heat and chilliness all over the body (after 30 drops, second day),[27].—Heat in the head, in the morning (fifth day),[18].—[520.] Heat in the left shoulder, extending to the forearm, and from there to the tips of the fingers (first day),[27].—***Sweat.*** Sweating more freely than usual,[3 5].—Moderate sweating,[5a].—Skin dry,[14].—Dry skin and cracked lips,[14].

Conditions.—**Aggravation.**—(*Morning*), On waking, pain in forehead; inflammation of eye; lips swollen; on waking, pain in shoulders; pains in legs.—(*Forenoon*), Towards noon, vertigo; (*Afternoon*), Towards evening, head and eye symptoms,[15]; cracking in elbow-joints.—(*Evening*), Confusion of head; obstruction of nose; pains in teeth; pain in region of submaxillary gland; cough; pain across loins; pain in arm, etc.; (*Night*), Stitches, etc., on side of neck; pain on arm; after retiring, pain in knee, etc.; itching in face; at 10 o'clock, in bed, shivering.—(*In open air*), Head and eye symptoms,[15].—(*Ascending stairs*), Pain in temple.—(*Sitting bent*), *Pressure in pit of stomach, etc.—(*While looking down*), Vertigo.—(*Mental effort*), Dull headache.—(*Motion*), The pains,[15]; pain in epigastrium; pain in lumbar region.—(*While stooping*), Vertigo.

Amelioration.—(*While lying*), The pains,[15]; pain in left arm, etc.

KARAKA.

Coryno-carpus lævigatus,† Foster.
Natural order, Anacardiaceæ.
Common names (New Zealand), Kopi-tree, Karaka.
Preparation, Tincture or trituration of the fresh seeds.

† Figured in Botanical Magazine, plate 4379.

Authority, G. Bennett, poisoning of a New Zealand chief by the seeds. Lond. Med. Gaz., Sept. 1831.

Deafness (soon).—Violent pain, lasting a week (soon).—Partial paralysis of limbs (soon).—When warm water was applied, he did not feel any warmth from it.

KATIPO.

Latrodectus Katipo (Trans. New Zealand Inst., 1870, vol. 3, p. 56).

Natural order, Arachnida.

Native name (New Zealand), Katipo; the venomous spider of New Zealand and parts of California.

Authorities. **1**, Dr. Wright, Med. Times and Gaz., 1870, p. 570, effects in a man bitten on the shoulder; **2**, Rev. Mr. Chapman, case of a girl bitten on abdomen (from the last); **3**, same, a boy was bitten in the fleshy part of the thigh; **4**, Dr. E. J. Fraser, Med. Invest., 10, p. 667, effects in a man bitten on the dorsum of the left foot.

Mind.—Delirium, half smothered by imperfect intoxication (third day),[4].

Face.—Anxious expression of countenance (third day),[4].—Countenance and general surface of the body assumed a hue of extreme pallor, which gradually turned a blue tint,[1].—On attempting to eat found he could not open his mouth, nor was scarcely able to articulate, in consequence of stiffness about the jaws, very soon; it was difficult to understand what he had to say,[1].

Stomach.—Lost all desire for food (after a fortnight); lingered in this way about six weeks, and then died,[2].

Abdomen.—Very severe drawing or crampy sensation in the abdomen (second morning),[4].

Respiratory Organs.—Respirations almost ceased,[1].—Almost pulseless; pulse usually slow, scarcely counting more than 12 or 14 beats in a minute,[1].

Inferior Extremities.—Severe shooting-burning pains ran from the bite on the foot up the limb to the back, accompanied by nervous twitching all over his body (soon); the pain was felt almost equally in both limbs, and seemed to centre about the heel, before evening (second day),[4].—[10.] The foot felt as if it had been rudely lacerated by some dull instrument, waking him from sleep (immediately),[4].

General Symptoms.—He suffered long, wasting and losing all energy, soon having the appearance of one going into a decline; if I recollect correctly it was three months before he rallied, and probably another three before he recovered,[3].—Nervous twitching all over his body, soon,[4].—Could not return to his work for several days, but complained of great lassitude and nervous depression, which he was sensible of for many days after,[1].—Faint,[1].—Suddenly became faint and pallid (after a fortnight),[2].—Large quantities of whisky produced but little impression, except a feeling, as he described it, as though the affected side was drunk (second day),[4].—Severe pain,[2].

Skin.—Small red spot resembling a fleabite,[4].—Bitten surface raised to an extent as large round as a teacup; this elevated surface was white, and was surrounded by a halo of red, not unlike an exaggerated wheal of the nettlerash; he complained of considerable pain in the bitten part; swelling and pain relieved by spirits of ammonia,[1].—[20.] Swelling, of the

size and shape of the obtuse end of a hen's egg; strong ammonia lessened the pain, but failed to decrease the swelling,[2].—The point that was bitten, which up to this time remained a small purple point, began on the tenth day to swell, turned white like the swelling which follows the sting of a wasp or bee; the swelling was so painful and so rapid that within three hours the white spot was nearly as large as a twenty-five cent silver coin, the whole dorsum of the foot and ankle became very much swollen, the foot was like a puffball, and a red streak was observed running up the leg,[4].—The tendency of the swelling to extend up the limb ceased as soon as the escharotic began to act with energy,[4].—In about three days the eschar sloughed, but in removing it, which was covered by adhesive plaster, fully a teaspoonful of straw-colored fluid escaped; in less than five minutes the cavity filled again with the same kind of fluid; the discharge being continued the wound was dressed with bread-and-milk poultices, which readily absorbed it; the swelling diminished rapidly and all symptoms improved, so that in about ten days he was able to go to his office; the wound did not fully heal, but was covered over by a dark-red film; I opened it two months after he was bitten, when several drops of reddish fluid escaped,[4].—A bright, scarlet, papular eruption appeared upon both lower extremities, which stung and burned like fire (fifth day),[4].

Fever.—Extremities cold and flaccid,[1].—A cold clammy perspiration covered the left lower extremity; in the morning the perspiration covered both lower limbs,[4].

KEROSOLENE.

One of the lighter (probably the lightest) products, obtained by distillation from the crude oil obtained from *Albatite* from Nova Scotia, Kerosolene being the trade name given by the "Downer Kerosene Oil Company," Boston, Mass.; nearly or quite identical with "*Gasolene*," the lightest oil from petroleum.

Authorities. **1**, Dr. Ephraim Cutter, Am. Med. Times, 1861, p. 86, effects in a man cleaning out the still; **2**, same, experiments on self and others, with about 4 ounces each trial; **3**, same, effects in a man (on whom formerly a large amount of ether had failed); **4**, Dr. G. P. Cady, Am. Med. Times, 1861, p. 250, effects; **5**, Dr. H. J. Bigelow, Boston Med. and Surg. Journ., 1861, p. 494, effects of inhalation; **6**, same, effects of inhalation in a girl; **7**, same, in a woman; **8**, Dr. Bowditch, Bost. Med. and Surg. Journ., 65, p. 48, effects of inhalation; **9**, same, second case; **10**, Dr. Andrews, same journal, p. 63, inhalation; **11**, Dr. Toothacker, same journal, p. 202, inhalation; **12**, Dr. Wakefield, same reference, inhalation; **13**, Dr. Hodgdon, same reference, inhalation; **14**, A. Horr, Am. Med. Times, 1862, effects of inhalation; **15**, same, in son, aged 19.

Mind.—As you breathe the vapor you seem to float away into a wavy maze, with a sense of complete loneliness; there appears to be but one object in the universe, and that object is yourself; on recovery the first thing seen is deemed the next only existence in the universe; it takes some little time to regain all the faculties,[2].—He began to laugh and opened his mouth, in a minute or two recovered his sensibilities; he knew nothing of the extraction except by the blood in his mouth; he was very lively and "chipper," and expressed himself as having had a pleasant dream,[11].—"Lost himself," but was inclined to laugh and would not keep still; a second time it was administered; both fingers were opened to the bone, which he seemed just to feel; on coming to himself he said he did not suffer anything,[12].

Head.—Peculiar lightness of the head,[8].—Slight headache,[2].

Eye.—Eye a little unnaturally open and staring,[10].

Face.—Countenance flushed,[10].—Momentary dusky redness of the face at each convulsion, similar to that which occurs in epilepsy,[10].—Certain degree of purple color,[7].

Mouth.—[10.] Observed a taste similar to the smell of gas-works,[15].

Throat.—Slight smarting of the fauces,[15].

Respiratory Organs.—More cough than I had expected,[6].

Chest.—During the convulsions a moderate check of the respiratory movement, in consequence of the rigid contraction of the muscles of the chest,[10].

Pulse.—Pulse somewhat accelerated (in one or two instances),[4].—Pulse during forty-five seconds remained at 80 (normal), then increased during two minutes and a half, reaching 100, and during the next minute subsided to 80, and at the end of the sitting to 70,[15].—More intermittence of pulse than usual in favorable anæsthesia,[6].—Feeble and intermittent pulse,[7].—Some diminution of the volume of the pulse with the insensibility,[5].

Extremities in General.—Weakness of the limbs,[8].

General Symptoms.—[20.] Moderate convulsions (after each of three trials),[10].—More muscular rigor than usual in favorable anæsthesia,[6].—He immediately succumbed to its influence,[3].—Quickly went off to sleep,[13].—They become partially or wholly insensible, but rapidly recover when brought to the open air, and in ten or fifteen minutes are able to resume their employment,[9].—Wholly insensible,[6].—Complete insensibility, lasting several minutes, with some diminution of the volume of the pulse,[5].—Became totally insensible; on being withdrawn he expressed himself as having had a very fine "drame,"[1].—Asphyxia, with its attendant spasm,[7].—The insensibility to surrounding impressions was complete, although the eyes were not closed; pinches and the prick of a pin were unnoticed,[2].—[30.] Entire insensibility to external impressions; a sort of numbness is felt at first, and anæsthesia to pricks and pinches occurs long before the person is insensible; it has not produced sleep as occurs from the use of chloroform, but a kind of trance in which the mind is still active; it acts purely as a sedative,[4].—Beginning of anæsthesia in twenty-five seconds; in one minute and a half from the first the napkin fell, followed by a few bursts of laughter, then by full anæsthesia, which lasted one minute; in six minutes more he was fully recovered, and walked deliberately out of the room,[15].—The effects were nearly similar to those he had often experienced from chloroform, but with a greater feeling of buoyancy and less thrilling noise in head, leaving no nausea nor giddiness. Half an hour after he repeated the inhalation, breathing the vapor vigorously for thirty seconds, and then ceased before any effect was perceptible. Immediately the effect began, and continued to increase during fifty seconds, when it gradually declined, and in two minutes more was entirely gone, leaving a sensation or taste in the fauces and about the molars like that from the contact of two metals in the mouth, which wholly subsided in a quarter of an hour. Experiment repeated with like result,[14].—The first impression is sudden, powerful, and pleasant; almost immediately I passed into a state of pleasurable insensibility, which at no time was perfect; at least there would be responses to the prick of a pin, and the muscles were not quiet, although afterwards I had no recollection of any such thing; I grasped the napkin on which the kerosolene was found with my teeth so strongly that it could hardly be taken away; the stimulus of the vapor penetrated the whole frame, even to the tips of the fingers,[2].

Fever.—Some sweating,[3].

KINO (AUSTRALIENSE).

Eucalyptus rostrata, Schlecht (and other species of Eucalyptus).

Natural order, Myrtaceæ.

Common name, Australian Red Gum, Australian Kino.

Preparation, Tincture of the gum that exudes from incisions in the bark.

Authorities. **1**, Dr. Blundell, Mon. Hom. Rev., 7, 199, 1863, proving on self and friend with 1st dec. dil., 5 to 15 drop doses; **2**, same, effects of smaller quantities (2 to 4 drops in water).

Head.—Headache,[2].

Stomach. Appetite decreased,[2].—Nausea,[2].

Abdomen. Great amount of flatulent distension,[2].—Colicky pains towards evening (first day); continuing next day, more continuous (third day),[1].—Most severe colicky pains, with bearing-down of the lower bowel; only relieved by lying flat on the face; they continued for one hour, and then diminished towards evening (third day),[1].—Bearing down with inclination to stool, but without an evacuation (first, second, and third days),[1].—Slight bearing down, and frequent desire for an evacuation,[2].

Stool. The mucous lining of the bowels became irritable, and evacuations exhibited a tendency to diarrhœa, with bearing down and greater rapidity of action than usual in health,[2].—[**10.**] Evacuations hard, with sensation of turgescence of the mucous lining of the bowels,[2].—Hard, dry evacuation, with a small quantity of blood at its termination (fourth day); following this for four or five days the bowels were obstinately constipated, the latter terminating in sickness and diarrhœa, with extreme giddiness and general debility, relieved by Ipecacuanha,[1].

KISSINGEN.

The mineral springs at Kissingen in Bavaria.

The "Rakoczy" and the "Pandur" are the two chief springs, the latter mostly used for bathing purposes.

ANALYSIS BY LIEBIG.

In 1000 *grammes.*

	Rakoczy.	Pandur.
Potassium chloride,	0 28690	0.24140
Sodium chloride,	5.82205	5.52071
Sodium bromide,	0.00838	0.00709
Sodium nitrate,	0.00931	0.00353
Lithium chloride,	0.02002	0 01680
Magnesium chloride,	0.30379	0.21163
Magnesium sulphate,	0.58839	0.59777
Magnesium carbonate,	0 01704	0.04479
Calcium carbonate,	1 06096	1.01484
Calcium sulphate,	0.38937	0.30014
Calcium phosphate,	0.00561	0.00522
Ferrum carbonate,	0.03158	0.02771
"Silicic acid,"	0.01290	0.00410
Ammonia,	0 00091	0.00384
Sum of solid constituents,	8.55721	7.99957
Carbonic acid, free and partly combined,	1305.5 c.c.	1505.5 c.c.
Specific gravity at 15° C.,	1.00734	1.00660
Temperature,	10 7° C.	10.7° C.

Authorities. **1**, Dr. Carl Preu, Archiv. f. Hom. Heilk., 13, 3, p. 96, effects on healthy persons; **2**, v. Siebold, Diss. zu Kissingen, 1828, general effects; **3**, Maas Kissingen, etc., 1830, from Preu.

Mind.—Emotional. Yielding disposition,[1].—Excessive joyfulness,[1].—Weeping and complaining, tossing to and fro on account of the pain,[3].—She is involuntarily obliged to weep,[1].—If he only looks at any one he must weep,[1].—She constantly seeks for unpleasant things to think about, and broods over them,[1].—Want of self-reliance,[1].—Anxiety and weakness, preceding menstruation,[1].—Frightful anxiety,[2].—[10.] Very easily frightened,[1].—Frightful thoughts at night on waking,[1].—Excessive irritability,[1].—Ill-humored, fretful, exhausted, weary of life; suddenly; always an hour after drinking the water; very transient,[1].—***Intellectual.*** In all changes of occupation and surroundings he was unable to free himself from one absorbing thought,[1].—Disinclined for any earnest work,[1].—Inability for mental work,[1].—Irresolute,[1].—Distraction of mind, he never knows what he wishes to say,[1].—He is unable to find the proper expression for what he wishes to say,[1].—[20.] Speech is difficult because he constantly makes mistakes in speaking,[1].—Loss of ideas, with sleepiness,[1].—Weakness of memory,[1].

Head.—Confusion and Vertigo. Confusion of the head,[1].—Vertigo while eating; suddenly after eating cooked cherries,[1].—Feeling of intoxication,[1].—***General Head.*** Heaviness of the head and limbs,[1].—Emptiness of the head with apprehension,[1].—Fulness in the head, with pressure outward to the eyes,[1].—Tensive headache aggravated by reading,[1].—[30.] Rush of blood to the head and chest, with cold feet,[1].—Rush of blood to the head, with perspiration on the forehead,[1].—Constriction of the head,[1].—Constrictive headache while reading,[1].—***Forehead.*** Pain in both frontal eminences, which extends down to the nasal bones,[1].—Headache above the left eye with double vision,[1].—Drawing in the head, extending from the root of the nose upward,[1].—***Parietals.*** Pain as from a nail in the middle of the right parietal bone,[1].—***Occiput.*** A feeling in the occipital bone as if something were folded upon itself,[1].—Pain in the occipital bone,[1].—[40.] Transient drawing in the left side of the occiput,[1].—Pressive pain deep in the occiput,[1].—***External Head.*** Tension in the skin of the left side of the head, extending to the face,[1].—Tensive pain in the whole of the scalp,[1].—Feeling as though the skin about the head were constricted and loosened from the bone,[1].—Itching on the occiput,[1].

Eye.—Objective. The white of the eye seems yellow,[3].—Staring eyes,[3].—***Subjective.*** Burning in the eyes in the evening,[1].—Pressure in the eyes,[1].—[50.] Itching in the eyes,[1].—***Brow and Orbit.*** Pressure above the right eye,[1].—Pressure above the left eye,[1].—Acute stitches beneath the right eye, extending outwardly,[1].—***Lids.*** Redness of the lower lid with agglutination of it,[1].—Twitching of the right lower lid,[1].—Tension of the lids,[1].—***Lachrymal Apparatus.*** Lachrymation of the left eye without pain,[1].—Acrid lachrymation with pain in the canthi,[1].—***Vision.*** Dimness of the eyes,[1].—[60.] *Muscæ volitantes*,[1].

Ear.—Hot ears,[1].—Ringing in the ears,[1].—Roaring in the ears,[1].

Nose.—Objective. Stopped catarrh,[1].—Fluent catarrh,[1].—Stoppage of the nose, that hinders him from reading,[1].—***Subjective.*** Dryness of the nose,[1].—Constant sensation as though the nose would begin to bleed,[1].—Crawling in the right side of the nose, as though he would sneeze,[1].

Face.—[70.] Deathly paleness,[3].—Swelling of the right side of the cheek suddenly over night,[1].—Feeling of pressing asunder in both zygomata,[1].—

Painful pressure in the malar bones and in the ear,[1].—The upper lip burns at night, and seems as if it would become swollen,[1].—Dull pain in both jaws,[1].

Mouth.—Teeth. Teeth on edge, as after acids,[1].—Attack of toothache during menstruation,[1].—Dull pain in some old roots,[1].—The roots of all the teeth of the left lower jaw are painful, as if they ought to come out,[1].—[80.] Throbbing and boring in the upper front teeth,[1].—***Gums.*** Sore gums,[1].—***Tongue.*** Tongue coated,[1].—Coated tongue with pasty taste in the mouth,[1].—Dry tongue without thirst,[1].—Prickling sticking on the margin of the tongue, as if an ulcer would form,[1].—***General Mouth.*** Pasty feeling in the mouth,[1].—***Saliva.*** Accumulation of water in the mouth,[1].—Much accumulation in mouth of saliva, which has the appearance of soap and water,[1].—***Taste.*** Flat taste in the mouth; food however has a good taste,[1].—[90.] Salty taste, like the taste of the spring water (after three days), and lasting several weeks after ceasing to drink the water,[1].

Throat.—Mucus in the throat,[1].—Contraction in the throat,[1].—The glands of the neck become swollen,[1].

Stomach.—Appetite. Appetite without hunger,[1].—He is constantly hungry, so that he wishes to eat often,[1].—Feeling of hunger painful, but satisfied immediately on eating,[1].—Satiated in the afternoon,[1].—***Thirst.*** Constant thirst, even in the forenoon,[1].—***Eructations.*** Frequent eructations in the open air,[1].—[100.] Frequent tasteless eructations,[1].—Eructations tasting of the food, first after a few hours,[1].—***Nausea and Vomiting.*** Nausea, with accumulation of water in the mouth, half an hour after breakfast,[1].—Easy qualmishness in the throat,[1].—Inclination to vomit,[2].—Violent, repeated inclination to vomit,[3].—Vomiting of leathery yellowish-brown mucus,[3].—Excessive vomiting and purging of black clotted blood,[3].—***Stomach.*** Anxiety about the pit of the stomach, aggravated by deep breathing,[1].—Heaviness and distension beneath the pit of the stomach,[1].—[110.] Fulness in the stomach,[1].—Pressure in the stomach, also, early in the morning,[1].—Stitches in the epigastric region, in the right side,[1].

Abdomen.—Hypochondria. Feeling as though everything were too tight about the hips, obliging her to loosen her dress,[1].—***Umbilical and Sides.*** Constriction about the umbilicus,[1].—Tension in the right side of the abdomen,[1].—***General Abdomen.*** Distended abdomen,[2].—Hard, painful, spasmodically retracted abdomen,[3].—Incarceration of flatulence,[1].—Rumbling and cutting in the abdomen,[1].—[120.] Frequent griping in the abdomen, daily,[1].—Pressure in the abdomen, in the morning,[1].—Violent pressive pain in the hepatic region,[1].—Colicky sensation in the abdomen,[2].—Enormous colic with violent cramps,[3].

Rectum and Anus.—Objective. Swelling of the hæmorrhoidal veins,[2].—Excessive hæmorrhoidal flux,[3].—Hæmorrhoidal flux more profuse than ever during three weeks,[3].—***Subjective.*** Feeling of dryness in the rectum,[1].—Dragging in the rectum,[1].—[130.] Frequent stitches in the rectum,[1].—Itching in the anus,[2].—Frequent ineffectual desire for stool,[1].

Stool.—Diarrhœa. Stools leathery, yellowish-brown, diarrhœa-like,[3].—Three pasty evacuations during the day; towards evening, one solid stool,[1].—Evacuation of much tenacious yellow or whitish-green mucus, together with small fecal masses, during the second week,[3].—Evacuation of a large quantity of slimy, bilious matter of an offensive, assafœtida-like odor (after fourth day); lasting two weeks (in one habitually constipated),[3].—Blackish-green evacuations from the bowels,[1].—Discharge of an incred-

ible amount of blackish-green, burnt, lumpy fæces, similar to large pieces of slate, preceded by blackish-green substances similar to gastric mucus, preceded by colicky pains, and rumbling in the abdomen (after twelve days); the former stool caused so much exertion in its passage, and was attended with so much pain, that faintness followed immediately on the stool and lasted a long time,[3].†—Frequent bloody evacuations during the third week; afterwards a hæmorrhoidal flux, and no more vomiting of blood,[3].‡—[140.] Passage of gallstones,[3].—Copious discharge of old scybala,[3].—***Constipation.*** Constipation, lasting eight days,[3].—Constipation; the usual morning stool was omitted (after third day),[1].—Very difficult stool, it is only with difficulty pressed out of the rectum; he was therewith obliged to press the nates apart,[1].

Urinary Organs.—Feeling of moisture at the meatus urinarius, as if he would have gonorrhœa,[1].—Itching and sticking in the urethra when not urinating,[1].—***Urine.*** Sand and gravel in the urine for several weeks,[3].—Red sand in the urine,[1].

Sexual Organs.—Unusual seminal emission at night,[1].—[150.] Profuse menstruation, with discharge of membranous concretions,[2].—Profuse menstruation,[1].

Respiratory Organs.—More hoarseness than usual,[1].—Frequent expectoration of mucus,[1].

Chest.—Tightness of the chest,[1].—Pressure on the chest,[1].—Pressure on the left chest,[1].—Stitches in the left mammary gland,[1].

Heart and Pulse.—Fulness in the præcordium,[2].—Palpitation with anxiety,[1].—[160.] The beats of the heart intermit,[1].—Pulse greatly accelerated and feverish,[3].—Contracted pulse without beating of the heart,[3].

Back.—A tensive sprained feeling in the left side of the back,[1].—An acute stitch in the left side close to the spine, beneath the last rib; pain between the scapulæ as if beaten, while sitting and lying,[1].—Lameness in the small of the back,[1].—Pain in the small of the back,[1].—Stitches in the small of the back,[1].—Crawling in the small of the back, as if menstruation would come on,[1].—Crawling in both kidney regions,[1].

Extremities in General.—[170.] Pain and tearing in the limbs,[3].—Cramplike feeling in the limbs, especially in the hands, as if the arms had fallen asleep; violent inflammation of the extensor digitorum communis of both hands, in one hitherto paralyzed,[1].

Superior Extremities.—Weakness in the arms, they feel very heavy,[1].—She cannot raise the arms from the bed-covers on account of a feeling of heaviness,[1].—The right arm has fallen asleep and feels paralyzed,[1].—Crawling in the left arm; loss of sensibility,[1].—Pain in the right shoulder, as after taking cold,[1].—Burning pain on the left shoulder,[1].—The shoulders are painful, as if some one had poured hot water over them,[1].—Transient pain above the left elbow,[1].—[180.] Fuzzy feeling in the tips of the fingers,[1].—Pain as from dislocation in the first joints of the right fourth finger, which loses itself in a stitch extending along the tendon above the metacarpus,[1].—Stitches in the right little finger,[1].

Inferior Extremities.—He frequently stumbles when walking, on account of stiffness of the joints,[1].—Feels a jerking in the limbs while writing,[1].—Tension in the calves,[1].—Cramp in the right calf and left toe,

† In a patient suffering from inactivity of the intestines.

‡ In a patient suffering from vomiting of blood following the disappearance of the hæmorrhoidal flux.

at night,[1].—Heaviness of the feet,[1].—A corn begins to be painful,[1].—Boring pains in a corn,[1].—[190.] Sticking pains in a corn,[1].

General Symptoms.—Objective. Trembling of the whole body,[1 3]. —Weary and sleepy during the day,[1].—Unusually weary after taking a walk,[1].—Weak and weary,[1].—Uneasiness, so that he is unable to lie still in any place,[2].—***Subjective.*** Stitches, here and here,[1].—Pulsation of the body, even when he remains perfectly quiet,[1].

Skin.—Objective. Yellowness of the skin,[3].—A three-months old wart on the finger disappears,[1].—[200.] Itching eruption on the abdomen and feet,[1].—***Subjective.*** Burning sticking in the skin of the right calf,[1]. —Itching on the limbs,[1].

Sleep and Dreams.—Sleepiness. Yawning,[1].—Frequent yawning,[1].—Sleepiness during the day,[1].—Is not inclined to do anything but sleep,[1].—Very quiet sleep all night long,[1].—***Sleeplessness.*** Restless sleep with frequent waking,[1].—He wakes several times at night with great uneasiness,[1].—[210.] Sleep not refreshing,[1].—Jerking during sleep,[1].—Starts up twice while falling asleep as from an electric shock through the whole body,[1].—***Dreams.*** One dream follows another the whole night, though he frequently wakes between them,[1].—Dreamy sleep with confused dreams,[1]. —Confused dreams after a hearty supper,[1].—Vexatious dreams,[1].—Frightful dreams,[1].—Frightful dreams of murder and fire,[1].

Fever.—Chilliness. Chilliness after breakfast so that he is obliged to lie down in bed,[1].—[220.] Chilliness while walking, immediately followed by easy perspiration,[1].—Constant creeping of chilliness over the whole body,[1].—Cold creeping over forehead, with heat of the head and face, soon followed by the daily febrile chill,[1].—Febrile chill recurring daily at a definite hour (10 A.M.), but gradually occurring later,[1].—Shivering together with gooseflesh,[1].—Cold hands and feet,[3].—***Heat.*** Great heat after a little wine, in one accustomed to it,[1].—Febrile heat,[2].—Flushes of heat and easy perspiration,[1].—Orgasm of blood,[1].—[230.] Heat of the head,[3].—Head constantly hot during the febrile chill,[1].—Great heat of the head and face, in the afternoon,[1].—***Sweat.*** Much perspiration during the day,[1].—Profuse perspiration,[3].—Whole body reeking with perspiration (with trembling),[3].—Anxious perspiration,[2].

***Conditions.*—Aggravation.**—(*Morning*), Pressure in abdomen; after breakfast, chilliness.—(*Forenoon*), At 10 o'clock, febrile chill.—(*Evening*), Burning in eyes.—(*Night*), On waking, frightful thoughts; burning of upper lip; cramp in calf, etc.—(*Deep breathing*), Anxiety about pit of stomach.—(*After eating cooked cherries*), Vertigo.—(*While eating*), Vertigo.—(*During menstruation*), Toothache.—(*Reading*), Tensive headache; constrictive headache.—(*While writing*), Jerking feeling in limbs.

KOUSSO.

Hagenia Abyssinica, Willd. (1799).

Synonyms, Brayera anthelmintica, Kunth (1823); Banksia Abyssinica, Bruce (1790, but Banksia had already been given by Linnæus to another genus).

Natural order, Rosaceæ.

Common names, Kousso, Kusso, Cosso, Koso (and Habbe).

Authority. Cattell, Br. J. of Hom., 11, 340, effects when administered for tænia.

Head.—Cephalalgia.

Stomach.—Thirst.—Nausea.—Vomiting.

Anus.—Prolapsus ani.

Stool.—Watery diarrhœa.—Stools loose and dark.—Expulsion of lumbrici, of dead tænia solium, and of bothriocephalus latus.

Urinary Organs.—Increased secretion of urine.—[10.] Diuresis, followed by scanty urine.

Sexual Organs.—Miscarriage.

General Symptoms.—Rapid prostration of strength.—Extreme prostration.

Fever.—Slight sensation of heat.

KREOSOTUM.

A product of distillation of *wood* tar. Composition doubtful and variable.

Preparation, Solutions in alcohol.

Authorities. A. Reichenbach, "Das Kreosot," second edition, 1835, effects of application to skin. (1 *to* 8, *provings by Dr. Syrbius, A. H. Z.,* 12, p. 33.) **1,** Dr. Hartmann took 3 drops; **2,** Hartmann, Jr., took 1 drop; **3,** Dr. Immisch took 8 drops; **4,** Dr. Lange took 1 drop, and after two days 2 drops twice; **5,** Dr. Koch took 1 drop morning and evening (first day), 2 drops forenoon (third day); **6,** Heinemann, suffering from caries of upper jaw, took morning and evening 15 drops of a solution of 4 drops to 1 drachm of alcohol with 3 drachms of water, also using a douche of a solution of 20 drops of K. in ½ ounce of alcohol and 12 ounces of water (the action was so violent that it had to be discontinued); **7,** Lunderstedt took 1 drop morning and evening for "scirrhus testi," effect so severe that he had to stop it; **8,** Syrbius took 2 drops twice, with an interval of two hours; **9,** symptoms observed by Dr. Wahle on three girls, two women, and two men, none of whom took over 1 drop of pure K.; Archiv f. Hom., 16, 2, 152; **10,** Eichhorn, effects of 1st dil., 5 to 50-drop doses, several times a day, Zeit. f. Ver. Hom. Aezt. Oest., 1857, vol. 2, p. 24; **11,** Dr. W. H. Thomas (Elkhart, Ind., U. S. A.); a lady, aged 78, took by accident an unknown quantity, *MS. to editor;* **12,** symptoms from Marzuthini, Annal. Univ. de Med., 1834; **13,** Macnamara, poisoning of a woman by excessive application to an aching tooth, Dublin Med. Press, 1850; **14,** Jeffray, effects of 5 or 6 drops in a lady aged 24, Assoc. Med. Jour., 1853, p. 929; **15,** Elliotson, effects, Med.-Chir. Trans., vol. 69 (A. H. Z.).

Mind.—Emotional. Mind clear, but very much excited (after two hours),[11].—For some days before menstruation she was very much excited and uneasy,[9].—Music, or anything else that caused emotional excitement, she took very much to heart, and she could not refrain from weeping,[9].—She was depressed; the longing for death constantly became greater,[9].—Towards evening her spirits were much depressed, and she was doubtful whether she would ever be well again,[9].—She was very despondent, and constantly wished to cry (after forty-eight hours),[9].—Very fretful in the morning,[9].—She was constantly excited, peevish, and obstinate,[9].—She was very fretful, frequently wept, but was unconscious of any cause (after twenty-four hours),[9].—***Intellectual.*** [10.] When she undertakes to ac-

complish anything and has gone ten or twelve steps, she remains standing, and does not know what she had intended to do (after eight hours),[9].—Her thoughts vanish very easily, they fly away (and she feels dazed),[9].—He feels stupid the whole day,[8].—Weakness of memory, her thoughts vanish,[9]. —Profound stupor, from which she could with difficulty be aroused for a few minutes, but only again to relapse into her former state of unconsciousness,[13].

Head.—Confusion and Vertigo. Confusion of the head, with some vertigo,[10].—Dulness and confusion of the head (after one hour); her thoughts disappear for a moment, so that she knows nothing; this attack is frequently repeated during the day (after one hour),[9].—Confusion in the left side of the head, with throbbing in it, which afterwards involves the upper back teeth, where it causes periodic grumbling,[9].—The whole head is confused; throbbing and beating in the vertex,[9].—*Vertigo*,[12 13]; (soon after 1 drop),[5]; (lasting a quarter of an hour, after two minutes),[8].—[**20.**] Vertigo, everything turned around with him (after two hours),[1].—She was attacked with vertigo on the street, in the morning, so that she reeled backwards and forwards, and was obliged to lean against a house, as if intoxicated, and on account of it she returned to the house, when the vertigo disappeared (after half an hour),[9].—Stupefying vertigo,[7].—Whirling vertigo (half an hour after second dose),[8].—Whirling vertigo in the crown, lasting five minutes (five minutes after 1 drop),[4].—Whirling in the head; if she turned herself suddenly she would fall down,[9].—Dizziness, on account of which he could not stand or walk long at a time (after three days),[6].—Very dizzy, so much so that she could not bear to be lifted from the pillow (after two hours),[11].—***General Head.*** Dulness of the head; she looks straight ahead and does not know at what; she hears and sees nothing, and is completely without thought (after six hours),[9].—Heaviness and confusion of the head,[12].—[**30.**] General weariness in head,[13].—Emotional disturbances cause headache,[9].—Headache, with sleepiness,[9].—Headache, with a feeling of heat in front of the forehead,[9].—Headache, as if she were intoxicated, the whole day,[9].—Headache, as if she had drunk too much the day previous (a feeling as of a board before the forehead), with weakness of memory,[9].—Tensive headache, aggravated on stooping,[9].—Drawing headache, so that it closes her eyes (after twenty-four hours),[9].—A pain in the middle of the head pressing from within outward,[9].—Very painful pressing in the head,[9].—[**40.**] Tearing in the head, with drawing in the eyes,[9].—Tearing in the head, with great heat of the face and tearing in the left upper teeth; the tearing in the head begins in the morning as soon as she wakes, and lasts twenty-four hours, while the tearing in the teeth intermits at times, but always returns, and lasts so long that she is unable to sleep the whole night, with heat over the whole body, great weakness, peevish and lachrymose mood, and vexation at every trifle,[9].—Tearing in the whole head; on the left side it extends through the temple and down into the cheek while on the right side it extends only to the superior maxillary bone,[9].—Beating in the head,[4].—(Headache, which always used to occur after a bath, disappeared),[2].—***Forehead.*** Slight pain in the forehead (after five hours),[1].—Great pain at the front of the head (after a few minutes),[14].—A painful sensation in the forehead, as if several hairs were grasped and slowly pulled out (after three hours, and even felt after several days),[9]. —Distressing headache deep in the forehead (as if in the anterior lobes of the brain), lasting the whole day,[8].—A heaviness in the forehead, as if something would burst out there,[9].—[**50.**] Drawing headache, extending

from the right frontal sinus down to the middle of the right jaw, lasting several hours, beginning in the morning, ceasing at noon, becoming again violent about 2 o'clock, and lasting till towards evening (after three days),[9]. —Twitching and jerking pains in the right upper half of the forehead, recurring at intervals,[9].—Pressure and tension in the forehead, extending towards the vertex,[10].—A painful pressure above the right frontal eminence (after a quarter of an hour),[9].—A pressing-out pain in the middle of the forehead,[9].—Pressive pain in the forehead, as if everything would be forced out at the forehead, in the morning (after twenty-four hours),[9].—Pressive headache, everything forces out at the forehead, with pressure on the eyes, which extends to the vertex (after thirty-six hours),[9].—On stooping, everything shoots forward to the forehead, everything seems to force itself there,[9]. —On stooping, everything seems to shoot forward into the forehead, and she is near falling,[9].—Throbbing pain in the forehead,[9].—[60.] Throbbing in the forehead, as with a hammer, and stitches in the temples, which at times omit, but always return; on stooping, it seems as though everything would press out at the forehead (after four hours, but lasting two days),[9]. —A constant throbbing and beating in the middle of the forehead, lasting several days,[9].—She woke at 5.30 A.M., with throbbing headache in the forehead, heat of the face, weakness of the limbs, with crawling through the legs and feet, bitter taste in the mouth, even food tastes bitter,[9].—An ulcerative pain on the right side of the forehead,[9].—***Temples.*** Drawing pains in the left temporal bone, which affect the whole head; the head feels confused,[9].—Tearing-drawing in the left temporal region, as if different parts would be torn out, lasting several hours,[9].—Pressive pain in one or both temples, often very violent,[10].—A pressing-out pain in the lower portion of the left temporal bone towards evening,[9].—A pressing-out pain in the middle of the lower portion of the left temporal bone,[9].—Sticking pains in the right temporal bone,[9].—[70.] Drawing-sticking headache that extends through the temple and into the superior submaxillary bone, with whirling in the head,[9].—A tearing-sticking in the anterior portion of the right temple, that extends to the upper and lower back teeth (after three hours),[9].—Tearing pain in the left temporal region (after half an hour),[8]. —Drawing-tearing in the middle of the sutura squamosa, extending through the temple into the left side of the face and involving the upper and lower teeth of that side, lasting several days (after twelve hours),[9].—A throbbing and bubbling sensation in the left temporal bone (like that in a sore finger), that extends upward to the vertex and downward to the middle of the lower jaw, together with twitching and contraction of the eyelids, and a feeling as if they had become smaller,[9].—Jerking, pulsating pain above the left mastoid process,[9].—***Vertex.*** A very painful pressing beneath the crown,[9].—Tearing pains in the crown in the afternoon,[4].—Slight throbbing beneath the crown, extending forward,[9].—Hammering pain in the crown (after a few hours),[4].—***Parietals.*** [80.] Dull pain in the right side of the head,[3].—A pressive pain in the right side of the head, seeming to come from the cervical muscles (after twenty-four hours),[9].—A painful pressing outward beneath the left parietal bone,[9].—Violent stitches, as with a large awl, on the anterior portion of the right side of the head, so that she knew not what she did, her ideas therewith almost completely disappeared; she went to bed with this sticking, but soon fell asleep; dreamed the whole night of indifferent things; in the morning it had entirely disappeared, commencing in the afternoon (after three days),[9].—***Occiput.*** The whole occiput seems too full and heavy, and gives rise to a sensation as if he

would fall backward,[9].—Pain as from suppuration, below the left side of the occipital bone,[9].—***External Head.*** The hair became very gray during the proving,[10].—Profuse falling of the hair,[9].—The scalp is very painful on combing the hair, especially if she combs it down towards the temples; with falling of the hair (after some days),[9].—The skin of the vertex and forehead is painful when combing the hair and from the touch of the finger, as if suppurating; when the skin is not touched, the pain is a drawing, worse on the vertex, and lasting twenty-four hours (after seven days),[9].

Eye.—Objective. [90.] The eyes look as if she had been weeping,[9].—Blue rings around the eyes (after three days),[6]; (after twelve hours),[5]; (after twenty-four hours),[4].—Eyes fixed, but pupils neither dilated nor contracted,[13].—***Subjective.*** Increased feeling of warmth in the eyes; if she looks at a bright light the eyes begin to water,[9].—Much heat in the eyes constantly, with lachrymation (after two days),[9].—Pressure, burning, and fire in the eyes, mingled with heat and lachrymation, with a feeling as if something were in them; after these pains had lasted five hours she lay down and slept half an hour, and when she woke the eyes were agglutinated,[9].—Sleep at night was disturbed by pressure and burning in the eyes; on account of this she was unable to sleep, and lay awake till towards morning, then slept somewhat, and in the morning on waking the eyes were agglutinated (after twelve hours),[9].—Sticking-tearing pain in the left eye, lasting three-quarters of an hour,[4].—Sticking-tearing pain in the left eye, lasting three-quarters of an hour,[4]; (immediately after the second dose); returning (after one hour and a half), but very transient, and alternating with transient tearing stitches in the right eye,[8].—Throbbing pain in the right eye, towards evening,[8].†—[100.] Itching in the eyes, so that she is obliged to rub them; after rubbing there is biting in them, and the whites of the eyes look as if much inflamed, with pressure as if there were sand in them,[9].—***Brow and Orbit.*** Pressure above both eyes, lasting three-quarters of an hour, in the evening (after quarter of an hour),[5].—Pressure above both eyes (worse above the right), lasting five hours (after half an hour),[8].—Pressure above the right eye, lasting an hour (immediately after the dose),[5].—Confused pressure above the eyes,[4].—A dull pressure above the superciliary ridge, as with a plug, which extends to the occiput (after a quarter of an hour),[9].—***Lids.*** The eyelids look red and are somewhat swollen,[9].—A red, somewhat sensitive spot on the right lower lid, which was swollen the next day, with the formation of a pimple nearly of the size of a hempseed towards the inner margin of the lid, on a whitish surface; therewith the surrounding conjunctiva of the lid was very red, the lid externally bluish-red, somewhat congested; in the evening the swelling was affected with sticking pain; this pimple remained unchanged for a week, when the proving was interrupted by catarrh for eight days, during which it disappeared,[10].—Twitching of the lids, over which she has no control,[9].—Blepharospasmus,[12].—***Lachrymal Apparatus.*** [110.] The eyes are always moist; they constantly swim in tears,[9].—If she looks at any object for awhile the eyes become watery, which prevents her seeing (after twenty-four hours),[9].—Lachrymation, in the morning, on waking; the tears are hot and acrid,[9].—Lachrymation; when she rubs the eyes they become dry, look inflamed, and bite and burn,[9].—Lachrymation after rubbing the eyes, the tears are quite hot and cause biting on the cheeks, as from salt water,[9].—Lachrymation of the right eye and biting in it, while the lids of the left eye twitch and jerk,

† Subsequent to S. 118.

in the afternoon, lasting half an hour,[9].—**The tears are acrid, like salt water*,[9].—***Conjunctiva.*** Burning and redness of the conjunctiva,[12].—***Ball.*** Pain in the eyeballs (chiefly in the right); it seems as though the eyes would be torn out, the whole forenoon,[8].—***Pupil.*** Pupils dilated,[14].—***Vision.*** [120.] Obscuration of vision,[12].—Eyesight was imperfect for three or four days,[14].—Eyes dim, weak; like a veil before the eyes,[9].—All objects seem dim, it seems as though there were a veil before the eyes (after five or six hours, and lasting several hours),[9].—Feathery before the eyes, as though downy feathers hung down over the eyes, on account of which she was obliged to wipe them (after twenty-one hours),[9].—Said she could not see (after two hours),[11].—Eyesight went from me; giddiness came on, and everything looked dark blue, even the candles, my husband, and everything (after a few minutes),[14].

Ear.—External. Inflammation of the whole left external ear, which is glowing hot, scarlet, much swollen, with tensive burning pains,[9].—A pimple in the left upper concha, on account of which the whole external ear becomes inflamed, swollen, hot to the touch, with burning pains; therewith the whole left side of the neck becomes stiff, with tensive pain; he cannot turn the head well towards the left, towards the right it is free; the pains extend through the shoulder and down into the middle of the arm, together with internal shivering through all the limbs, without subsequent heat or thirst, with heat in the forehead and pressure above the eyes, as if they would be pressed together,[9].—Ears hot and red, they burn as on coming from the cold into a warm room, with cold feet (after five hours),[9].—[130.] A jerking-sticking in the right antitragus, which was somewhat swollen and stiff, with sticking pain on touch (after twenty-four hours),[9].—***Middle Ear.*** Cramplike pain in the left ear,[9].—Aching in the ear (periodic after the sixth dose),[10]; (after twenty-four hours),[8].—A pressing-out or dull sticking or ringing in the ears,[10].—Drawing-sticking in the inner portion of the left ear, extending even over the outer portion (after five days),[9].—Stitches in the right ear,[9].—Some stitches, as with needles, within the left ear,[9].—Pain composed of several stitches extending from the top of the right shoulder into the lower portion of the ear (after twenty-nine hours),[9].—Bubbling and twinging in the right ear, frequently repeated,[9].—Itching in the ears and in the soles of the feet,[9].—[140.] A bubbling pressing-asunder pain in the right ear,[9].—***Hearing.*** Hearing more difficult than usual, for three days before menstruation,[9].—Difficulty of hearing during menstruation,[9].—A humming before both ears, worse before the left, with difficult hearing; at times the humming ceases for a moment, when she is conscious of a ringing and hissing in the head,[9].—Humming and roaring in the head, during menses, with pressing-out pain, that was aggravated on stooping,[9].—Ringing in the ears,[12].

Nose.—Objective. Sneezing,[9].—Sneezing five or six times in succession (after half an hour),[9].—Sneezing in the morning,[9].—Frequent sneezing in the morning, without trace of catarrh (in several persons),[9].—[150.] Frequent sneezing, with moisture in the nose,[9].—Frequent sneezing; the nose was not stopped, and yet it seemed as though there was want of air in the nose (after thirty-six hours),[9].—The nose is constantly moist, so that she is frequently obliged to blow it,[9].—Fluent catarrh; when she draws air through the nose it feels too sharp in the posterior nares,[9].—Stopped catarrh, which after twelve hours became fluent, with an acrid feeling of rawness beneath the sternum,[9].—Bleeding of the nose,[7].—Bleeding of the nose, several times,[5].—Nosebleed of thin bright-red blood, in the morning,[9].—Nosebleed

of thick and black blood,[9].—***Subjective.*** It seems as though she had catarrh; a sensation as though the mucous membrane of the nose would become swollen (after one hour),[9].—[160.] Pressive sensation above the root of the nose, for ten days,[7].—***Smell.*** On waking in the morning she had an offensive odor in front of the nose (after twenty hours),[9].—Offensive odor in the nose, which she cannot exactly specify, with loss of appetite,[9].

Face.—Objective. **Pale face*,[4].—Paleness and puffiness of the face,[6].—Countenance very pale,[14].—Countenance fuller and more flushed than natural,[13].—***Subjective.*** Tearing in the right side of the face, that commences in the angle of the lower jaw, and extends up into the temple; in the evening,[9].—Dryness of the lips, as if he had much internal heat, though without thirst,[9].—Dryness of the lips; the upper lip desquamates, is constantly hot and causes tension,[9].—[170.] Upper lip feels sore and is cracked,[9].—A contractive tension and burning about the right corner of the mouth, with a feeling as if the right half of the lower lip were drawn towards the right corner of the mouth; in the evening,[9].—Tearing in the angle of the right lower jaw at night wakes her from sleep several times, it extends towards the ear and then causes sticking,[9].

Mouth.—Teeth. Drawing toothache diffused itself over the temporal region,[9].—Drawing toothache in the upper and lower incisors the whole day,[9].—Drawing toothache commences in the left lower back teeth, and then involves the upper back teeth; as soon as the pain ceases here it begins in the upper front teeth,[9].—She woke at 5 A.M. with drawing-tearing toothache in the left upper jaw, afterwards involving the muscles of the face and temple of the same side, and lasting till noon; therewith the teeth are swollen and seem too long,[9].—Dull throbbing pain in the third upper back tooth, which is beginning to decay,[8].—Jerking pains in a somewhat hollow back tooth of the left lower jaw, with frequent yawning,[9].—***Gums.*** Drawing pains in the gum of the left upper jaw; the gum looks inflamed,[9].—***Tongue.*** [180.] **Tongue coated white*,[6].—Tongue clean, but pale, and as if withered, with thin saliva in the mouth, no appetite but much thirst; the throat was constantly dry, on which account she was obliged to drink much (after twenty-four hours),[9].—***General Mouth.*** Mouth and throat white, having the same appearance as parts to which the drug had been intentionally applied (after two hours),[11].—Burning in mouth, throat, and stomach (after three hours and a half),[11].—***Saliva.*** Accumulation of water in the mouth,[10].—Mouth slimy; constantly obliged to spit much, in the evening,[9].—Frothing at the mouth,[14].—***Taste.*** Flat taste; taste of straw in the mouth,[9].—Bitter taste in the mouth, in the morning (after twenty-four hours),[9].—Bitter taste in the throat, in the evening, on account of which she cannot relish her food (after twelve hours),[9].—[190.] A sour taste on the back part of the tongue, as if he had had muriatic acid in his mouth (after ten minutes),[9].—Taste on the tongue like cubebs, and a feeling of coldness,[4 8].—No taste in the mouth,[9].—Everything that she eats tastes bitter on swallowing,[9].

Throat.—Throat presented a diphtheritic appearance; the burnt parts sloughing away (after twenty-four hours),[11].—Some sensation of dryness in the throat, with scraping, lasting for several hours,[9].—A feeling as if mucus were seated in the throat, which constantly provokes hawking; after a time expectoration of whitish sweetish-tasting mucus (after half an hour),[9].—Pain in the throat (after twenty-four hours),[11].—A retching painful sensation low down in the throat, extending through the chest as far as behind the dorsal vertebræ,[9].—Burning in the throat,[8].—[200.] Pressure on

the right side of the throat when swallowing,[9].—A sore pain on swallowing on the left side of the throat internally, with a feeling as though something were hanging there, which he could not swallow easily,[9].—Scraping in the throat,[9].—Scraping in the throat, as after brandy containing fusel oil,[9].—Scraping and rawness in the throat,[9].—Scraping in the throat when coughing, with thick, lumpy expectoration, in the evening,[9].—***Tonsils.*** Soreness of the left tonsil on swallowing (after six hours),[8].—***Fauces and Œsophagus.*** Dryness in the fauces; they seem agglutinated the whole afternoon,[8].—Burning pain along œsophageal tract,[13].—It was almost impossible for her to swallow (after twenty-four hours),[11].

Stomach.—Appetite. [210.] Great appetite,[8].—Gnawing feeling of hunger (after two hours),[1].—She has an appetite, but no relish for food, together with a feeling of fulness as if she had already eaten a great deal (after twenty-four hours),[9].—Desire for tobacco at an unusual time,[8].—Loss of appetite (after three days),[6].—Complete loss of appetite,[9].—The hunger which he had before taking the drug disappeared afterwards, for several hours,[9].—***Thirst.*** Thirst after the chill,[9].—***Eructation.*** Eructations (after quarter of an hour),[1].—Violent eructations, soon after a dose,[4].—[220.] Empty eructations,[10].—*Eructations of air (after half an hour),[8].—Eructations of air after dinner, followed by spitting of frothy saliva, and a scraping raw sensation in the throat, lasting a quarter of an hour,[9].—Eructations of tasteless white froth one or two days before menstruation; if these eructations do not occur, a mucous vomiting follows,[9].—Acid eructations,[9].—***Nausea and Vomiting.*** Stomach inclined to be sick,[13].—Nausea and efforts to vomit,[10].—Nausea immediately, as if she would vomit (which she did not do), with burning in the mouth,[9].—She becomes nauseated, with spitting of saliva and chilliness through the whole body, without subsequent heat and thirst,[9].—Retching,[10].—[230.] Violent urging (to vomit) every few minutes, nothing but saliva resulting,[14].—Retching (like that she had formerly had during the first months of pregnancy), in the morning fasting (after half an hour),[9].—Retching of water and mucus without taste, with dryness of the nose, heat in the forepart of the head, as if everything would press out at the forehead, coldness of the hands and feet, with thirst in the morning on rising,[9].—**Vomiting*,[12 15].—Vomited and brought up the piece of lint, with some food (after a few minutes),[14].—**Vomiting of sweetish water*, in the morning fasting (after a quarter of an hour),[9].—Ejecta bore a strong smell of creosote,[13].—***Stomach.*** Burning pain in stomach,[13].—She was obliged to wear her clothes very loose, on account of tightness in the stomach and pit of the stomach,[9].—Pain in the pit of the stomach, at 3 P.M., as if a thread were drawn through it, or a small muscular fibre were torn out, which shoots through all her limbs, during rest (after five hours),[9].—[240.] Pressure in the epigastric region,[10].—If she does not breakfast, she is attacked with gnawing in the stomach, followed by retching, which disappears after eating,[9].

Abdomen.—Hypochondria. Pressive pain in the hepatic region, and a gnawing beneath the left short ribs, as if a worm were gnawing,[9].—When she rises in the morning and immediately sits down, she is attacked by a pressive pain in the region of the spleen, which is associated with other symptoms, and makes her quite weak; but if she walks around and does not sit down the pain does not occur; the pain is also caused by even slight external pressure,[9].†—A constant sticking pain in the right side

† Compare 2, 249, 261, 270, 311, 322, 412, 544.

beneath the false ribs, in the hepatic region, not affected by inspiration, lasting six hours (after thirty-six hours),[9].—Pain in the upper anterior lobe of the liver, as if bruised, which caused a feeling of fulness, so that she was constantly obliged to loosen her clothes in that place,[9].—***Umbilical and Sides.*** A quiet pain about the umbilicus that she was often subject to after eating acid things,[9].—A quiet pain above and about the umbilicus, which cannot be easily described, or a feeling as though she had drunk some acid (carbonated) water, with ill-humor, lasting thirty-six hours (after twenty-four hours),[9].—A pain as from a cold in the umbilical region, as if diarrhœa would occur,[9].—Clawing about the umbilicus, with a pain as from ulceration in the whole abdomen, lasting five days,[9].—[**250.**] A clawing and griping pain about the umbilicus, relieved by stooping, the day before menstruation; as the pain ceased, some white mucus was discharged from the vagina, that colored the linen white,[9].—Woke between 2 and 3 A.M., on account of a contractive sensation in the abdomen; a feeling as though a lump were lying in the umbilical region and had twisted itself tightly together,[9].—A grasping and griping pain about the umbilicus, that extends up into the throat and causes nausea, with efforts to vomit (after thirty-six hours),[9].—A painful lump is felt in the umbilical region, as if it were tightly twisted together,[9].—A zigzag sticking about the umbilicus (the lightning-like stitches shoot now downward, now upward, now backward, now forward), followed by a sudden stitch shooting towards the left mamma, where it ends; lasting half an hour (after three days),[9].—Colic about the umbilicus, as if diarrhœa would occur; she was obliged to crouch quite together; it omits for awhile and then recurs at different periods,[9].—A frequently recurring pain in the right flank, extending upwards and downwards and into the right testicle (after one hour),[9].—Periodic sticking in the left flank, above the crest of the ilium, which shoots down into the left leg (after three days),[9].—Some violent stitches on the right side of the abdomen, between the umbilicus and crest of the ilium, which took away her breath, so that she was obliged to cry aloud; during rest (after four hours),[9].—***General Abdomen.*** **Distension of the abdomen* (after three days),[6].—[**260.**] Distension of the abdomen, as if she had eaten very much,[9].—Distension of the abdomen after menstruation,[9].—The abdomen is distended and tense, without pain (after twenty-four hours),[9].—Great distension of the abdomen before menstruation,[9].—After the pains in the arms and legs had lasted sixty hours they all at once ceased, but immediately the abdomen became greatly distended, as if menstruation would come on, with weakness, though she was in a lively mood; in the evening, she went to bed with this distension of the abdomen, slept well, and was quite well in the morning (after three days),[9].—The whole abdomen was very much distended and tense,[9].—The whole abdomen is very much distended but soft, with shortness of breath the whole day (after a few hours),[9].—Increased peristaltic action and emission of flatus,[1].—Flatus smelling like bad eggs, during menstruation,[9].—[**270.**] Many flatulent troubles, the flatus especially passed with the stool and was very offensive,[10].—The whole abdomen was painful, not aggravated by touch (after forty-eight hours),[9].—Pain in the abdomen mingled with stitches about the umbilicus, as if she had eaten fruit and drank afterwards,[9].—A quiet searching pain in the abdomen, that cannot be described,[9].—A painful, cold feeling in the abdomen, with scanty secretion of urine,[9].—On the third day, during the menses, at 5 A.M., a thumping and clawing in the abdomen, like dull shoots, followed by very urgent desire for stool, with painless diarrhœa, and during

the day seven diarrhœa-like stools without pain (seemingly the secondary action), (after ten days),[9].—Tension of the abdomen, with scanty discharge of urine,[9].—Griping and discharge of flatulence, with relief,[10].—Three to four days after menstruation violent cramp in the abdomen, especially in the hypogastric region,[9].—Drawing pain in the abdomen during menstruation,[9].—Painless drawing in upper abdomen, which extends to small of back, and there causes labor-like pains, with pressure downward towards the lumbar vertebræ, as in child-birth; therewith the face becomes hot (flushes of heat), palpitation, frequent pulse, and frequent ineffectual urging to urinate, which at last takes place after much pressure, is hot and scanty; after such an attack she becomes chilly, cannot get warm, without thirst; these attacks occur every quarter or half an hour, and continue twenty-four hours; they are also associated with the eye symptoms 93, 111, in such a way that the eye symptoms cease when the labor-like pains set in; when the pressure ceases, a milky discharge drops from the vagina without pain,[9].—[**280.**] Sticking pains in the abdomen,[3].—Prickling pains in the intestines (after two hours),[1].—The whole abdomen was painful on motion, as if suppurating, disappearing during rest; these pains lasted twenty hours and did not permit good sleep at night, so that she was obliged to turn her whole body here and there; she would at one time fall asleep and soon again wake (after twelve hours),[9].—An ulcerative pain in the abdomen on deep breathing,[9].—Some days after menstruation a dragging and pressing downward, as if menstruation would appear,[9].—***Hypogastrium and Iliac Regions.*** Pressure in the lower abdomen,[10].—Pains in the abdomen; pain like a boil low down in the abdomen, mingled with electric-like stitches in the internal genitals, which cause constrictive spasmodic pains in the pudenda externally, so that she gathers herself together every time when the pains come, with a periodic pressure starting from the small of the back and extending forward, with frequent urging to urinate, with only scanty and clear urine; ineffectual urging to stool and anxious restlessness through the whole body, so that she broke out into an anxious sweat, with ill-humor, so that she quarrelled with every one and would strike them; when these attacks occurred while sitting she was obliged to rise and walk about, whereby the pains were relieved; lasting four days (after twenty-four hours),[9].—Dull pains in the left iliac region, lasting half an hour and returning after four hours (after six hours),[8].—Tensive pains in both inguinal regions, while walking,[9].—If she presses during the stool, the spasmodic pain extends from the lumbar vertebræ into the right inguinal region, and into the hip-joint of the same side, making walking difficult (after twenty-four hours),[9].—[**290.**] Stitches in the region of the crest of the ilium, which shoot transversely through the abdomen,[9].—The crests of the ilia are painful to pressure, as if she had carried something heavy or hard upon them,[9].

Rectum.—Large painful hæmorrhoids (after four days),[6].—Cramp-like pains in the rectum, which extended upward into the flank, so that she was obliged to walk quite bent over, and to sit down very cautiously (after forty-two hours),[9].—Pressure on the rectum necessitating a stool, but emission of only flatus,[8].—Several successive stitches in the rectum during menstruation, which shoot upward to the left flank and there remain for awhile, so that she is obliged to stand up,[9].—Drawing, tearing, and sticking in the rectum, with frequent pressure to stool, without being able to accomplish anything; but a hard stool followed after thirty-six hours, with much pressure, after which all pains ceased (after twenty-four hours),[9].—An un-

easiness, a crawling or dragging in the rectum, which returns several times a day and only disappears after a stool,[10].

Stool.—Diarrhœa. Stool more frequent and more easy than usual, so that I generally had one or two copious, soft, often pasty evacuations (was usually constipated, with a movement every two to four days),[10].—Two or three stools a day, not diarrhœa-like,[9].—[**300.**] Two normal stools in the morning, without pain,[9].—She has two quite natural stools a day, contrary to habit (in a constipated person),[9].—***Constipation.*** **Constipation*, for five days,[6].—During menses, stool and flatulence accumulate in the rectum for a longer time than usual (feels there a pressure with emission of flatus); after which the menstrual blood always flows very profusely, and is frequently in clots,[9].—Stool hard, dry, nodular, with much pressure and only every three or four days,[9].

Urinary Organs.—Micturition. **Excessive urging to urinate, she cannot get out of bed quick enough;* with constrictive pain in the vagina (after twelve hours),[9].—Frequent emission of hot urine,[9].—She was frequently obliged to urinate, but passed very little clear urine each time,[9].—**She urinates six or seven times a day;* **always with great haste, and always passing a great deal,[9].—** Was obliged to urinate every hour, and each time passed much clear urine (she usually urinated but twice daily),[9].—[**310.**] **She was obliged to urinate every half hour, from 4 A.M. till noon; each time she passed over half a pint* (after five days),[9].—Micturition at night, she was obliged to rise frequently on account of it,[9].—Urging to urinate, towards evening, she was also frequently obliged to rise at night to urinate,[9].—Pressure on the bladder at night, that she always had shortly before childbirth, which causes a sensation through the whole body as if in labor; she was obliged to rise three times at night to urinate, and each time she passed much hot clear urine (after three days),[9].—Obliged to rise every hour at night to urinate, and always passed much clear urine, without having drunk anything (after twelve to eighteen hours),[9].—Frequent micturition, but only a spoonful passed each time,[9].—Although she drank more than usual, she passed scarcely half the usual amount of urine,[9].—She was obliged to rise frequently at night to urinate, but passed only a little,[9].—The urine spurts from her during each cough,[9].—The urine passed in a weak stream,[9].—[**320.**] Strangury,[15].—Strangury (in a woman who had taken a drop by accident). (Kuster.)—Very scanty discharge of urine,[9].—Neither bladder nor bowels evacuated for twenty-four hours; Nux 3d seemed to relieve all morbid symptoms except those of the throat (after twenty-four hours),[11].—***Urine.*** **Increased secretion of urine*,[15].—Urine diminished, with painful micturition,[6].—Secretion of urine much too scanty, she passed scarcely half the usual amount,[9].—Urine chestnut-brown,[9].—Reddish urine depositing a red sediment,[9].—Urine colorless, **offensive*,[9].—[**330.**] The urine is hot and has an offensive smell, almost like cooked cedar (after four days),[9].—Urine hot; it steams, has a strong smell, and deposits a red sediment,[9].—Urine very hot, causing burning between the pudenda,[9].—Urine turbid; after awhile it looks like light beer yeast (after four hours),[9].—The urine deposits a copious white sediment,[9].—The urine deposits a red sediment,[9].

Sexual Organs.—During coition both the man and woman experienced burning pains in the genitals, and the first became affected with impotence; after some days there appeared a swelling on the penis, and in the woman menstruation occurred, with profuse dark-colored blood; after the menses had lasted four days she had leucorrhœa, which stained the linen gray, associated with swelling of the external genitals, itching and corrod-

ing, burning pains,[9].—Pain as from an ulcer in the neck of the womb during coition; on the neck and below there is a hard lump; in the evening she had less pain in those parts than in the morning,[9].—(Prolapsus of the vagina),[9].—A white painless discharge from the vagina,[9].—[340.] A painless white discharge from the vagina lasting several days,[9].†—A white discharge from the vagina, preceded by pain in the small of the back and heat of the face; it runs from her as though she were having her menses (after five days),[9].—**The discharge from the vagina frequently looks quite white, and then has the* **odor of green corn,[9].—The frequent urging to urinate is always preceded by a white discharge from the vagina, which colors the clothes yellow, and is not acrid,[9].—A periodic white discharge from the vagina between the menses,[9].—Discharge of mucus mixed with blood from the vagina, on rising in the morning (after seventy-two hours),[9].—***Leucorrhœa of a yellow color, also staining the linen yellow, with great weakness of the limbs,[9].—A constant discharge of leucorrhœa for four days, without sensation,[9].—The leucorrhœa stains the linen like the washings of meat, and has an offensive odor,[9].—The leucorrhœa forms a whitish-yellow spot as large as a quarter of a dollar on the linen, **is acrid, causes itching and biting on the external genitals,[9].—[350.] After the leucorrhœa had lasted twenty-four hours, it ceased, and then she felt very weak (after three days),[9].—(The leucorrhœa becomes less and has not so strong an odor),[9].—Spasmodic pain in the external genitals, lasting several hours,[9].—*Burning between the pudenda on urinating,[9].—Two days after menstruation, a contractive pain in the vagina that causes her to start, followed by a whitish discharge from the vagina (after twenty-two hours),[9].—A spasmodic drawing extending from the lumbar vertebræ forward into the genitals, very disagreeable (after nine hours),[9].—**Stitches like electric shocks shoot from the abdomen to the vagina,* repeated after a few hours,[9].—**Electric-like stitches in the vagina, which seem to come from the abdomen, so that they always make her start,* and jump up, lasting the whole day,[9].—*Soreness between the pudenda, with biting pains,[9].—*Soreness between the thighs and pudenda, with burning biting pains, as in little children,[9].—[360.] *Violent itching of the vagina, so that she is obliged to rub it; posteriorly there is a smarting; the external genitals become swollen, hot, and hard; on urinating, the vagina pains as if sore; in the evening (after twelve hours),[9].—*Violent itching and biting between the labia, she could not refrain from rubbing; *posteriorly it is a burning,* as if pepper were sprinkled upon a sore place,[9].—**Voluptuous itching deep in the vagina,*[9].—*Corrosive itching between the pudenda and in the vagina, so that she was obliged to rub them; with a feeling of burning and swelling in the pudenda; this corrosive itching recurred every quarter or half an hour, and lasted four days,[9].—Menstruation every three weeks; it comes on easily, lasts four or five days, and flows profusely; then a discharge of bloody matter for two to four days, which has an acrid odor, and causes itching and biting on the genitals,[9].—**Menstruation eight to ten days too early, the blood looked dark, was very profuse, and lasted eight days,*[9].—Menstruation nine days too early,[9].—Menstruation four days too early, lasted three days very profusely, then omitted for one day and returned the next day very profusely,[9].—Menstruation is often paroxysmal and very profuse,[9].—Menstruation that had stopped for forty-eight hours returned with violent pain in the abdomen; the discharge of thin and bright-red blood lasted twenty-

† After two doses of Kreosote 6th, in a woman who had never had leucorrhœa.

four hours, and then ceased, with all the other troubles,[9].—[370.] For a long time the menses were not so profuse as had always been her habit,[9].—Menstruation, which usually occurred nine days too soon and was usually associated with pain in the small of the back, flowed very profusely and lasted eight days; this time was less than usual, lasting scarcely three days, and was not accompanied by any pain in the back,[9].—Menstruation omitted for sixty hours, and then returned during the forenoon, without pain in the back or abdomen, after it had flowed five days and a half, as usual,[9].—On the third day of menstruation, at 8 A.M., she took ½ a drop of Kreosote 6th; at 4 P.M., the flow ceased without any disturbance, and only returned at the regular time,[9].†—She woke in the morning with desire for coition (after two days),[9].—Sensation of coition in morning, between sleeping and waking (which she had not had for years),[9].

Respiratory Organs.—Larynx and Bronchi. Secretion of mucus in the larynx, which provokes coughing (four hours after second dose),[8].—A crawling in the lower portion of the larynx, provoking cough,[9].—A crawling in the uppermost bronchial tubes towards evening, which provokes cough (after seven hours),[9].—***Voice.*** Hoarseness in the morning, which disappears after sneezing,[9].—[380.] Voice raw, hoarse, with scraping in the throat,[9].—***Cough and Expectoration.*** Cough, caused by a sensation as if mucus were seated in the middle of the chest, which was not loosened,[9].—Cough, with retching,[9].—Cough, with efforts to vomit, but only a discharge of some saliva,[9].—Cough, with emission of urine,[9].—Incessant cough, with much sleepiness, chilliness for an hour followed by dry heat, during which the child continued to sleep ("grippe"),[9].—Constantly mucus in the throat, easy to loosen, provokes an incessant, hollow, and rough-sounding cough,[9].—Dry cough, with scraping in the throat, and soreness in the chest,[9].—A crawling and tickling in the middle of the chest, provoking a dry spasmodic cough that persists until retching follows; in the morning,[9].—Whistling dry cough,[9].—[390.] Cough difficult to loosen,[9].—Cough, with white mucous expectoration, easily loosened, and a scraping feeling in the throat,[9].—Cough, with expectoration of very firm gelatinous mucus (after half an hour),[1].—A scrapy raw sensation beneath the breast-bone obliged her to cough, and after coughing several times she expectorated some gray tasteless mucus, whereupon the cough ceased (after seventy-two hours),[9].—(Hooping cough),[9].—***Respiration.*** He is frequently obliged to take a deep breath,[9].—She is very frequently obliged to take a deep inspiration, on account of a feeling of heaviness in the chest (after twenty-four hours),[9].—Anxious and difficult respiration,[9].—Respiration difficult, as if the chest were compressed, on which account she is constantly obliged to take a deep breath, without pain; lasting half an hour (after half an hour),[9].—She is unable to take a sufficiently deep breath on account of a feeling of heaviness in the middle of the chest; it seems as though she could not get the breath into the chest,[9].—[400.] **Shortness of breath;* she cannot get her breath completely; it seems as though the lower portion of the chest were held tightly,[9].—When ascending steps, the catching respiration (in one usually short-breathed) disappears, with an easily loosened expectoration, in the morning,[9].

Chest.—Heaviness on the chest, with transient stitches (after a quarter of an hour),[8].—Feeling of heaviness in the lower portion of the chest, so that expiration was difficult,[9].—A sensation of heaviness in the middle of

† In a young girl who had her menses too often and too prolonged.

the chest, with shortness of breath, so that she was frequently obliged to take a deep breath (after half an hour),[9].—A burning as if she had drunk brandy, extending from the middle of the chest up into the throat; even the tongue is painful as if it had been burnt, with heat, redness, and tension in the face (after half an hour),[9].—**Dreadful burning in the chest;* wanted water to quench the burning in the lungs (after a few minutes),[14]. —Fulness and oppression of the chest appeared on deep breathing, lasting several hours (after three hours),[8].—Dull pain in the chest from 12 to 1 o'clock,[8].—The whole internal chest is painful as if pressed inward; not at all affected by inspiration (after twenty-four hours),[9].—[**410.**] A very painful dull sticking pressure in the middle of the right chest, an inch from the nipple towards the sternum, that extends through the chest, and is felt on the inner margin of the scapula (after half an hour),[9].—Sudden oppression of the chest, with some transient stitches in the middle of the left side of the chest,[9].—**Sticking in the left chest,* most noticed on turning over in bed,[9].— Periodically recurring sticking pains in various places between the ribs,[9].— Painful sticking transversely across the middle of the chest, commencing in the morning as soon as she rises and ceasing towards noon,[9].—A contractive pain in the chest, on deep inspiration,[9].—Drawing sticking beneath the left short ribs, during rest and motion; towards evening (after four days),[9].—Frequent sharp stitches in the middle of the chest, that are worse on inspiration; from thence these stitches spread over the right shoulder, and extend with a paralyzed feeling to the elbow-joint; the pains in the shoulder are worse on raising the arm,[9].—**Violent stitches in the chest just above the heart,* which do not permit free respiration; the pains are relieved by pressure with the hand; lasting an hour; in the afternoon (after four days),[9].—Violent, persistent, and very painful stitches in the right chest, which occur after several days and also last several days, and are very much aggravated by inspiration and expiration,[9].—[**420.**] A bruised pain in the middle of the chest, on inspiration, with shortness of breath,[9].—Pain in the chest internally, as if beaten, on inspiration, on which account she is unable to take a deep breath,[9].—A pain as from rawness in the lower portion of the chest,[9].—Throbbing pain in a small spot behind the pectoralis minor muscle (after three-quarters of an hour),[8].—(A pain in the left chest that had lasted five years was very much relieved),[9].—***Front.*** Pain in the chest, as if the sternum were pressed inward (after two hours),[9].—A painful feeling in the sternum as from hard pressure, noticed more during expiration than inspiration,[9].—Pain in the centre of the sternum caused by external pressure, as if the sternum were pressed by something hard; this was also felt on inspiration, and extended up to the clavicles and involved the muscles of the nape of the neck and throat,[9].—***Sides.*** Violent throbbing constrictive pain in the right side of the chest, appearing after eight hours and lasting till he goes to sleep,[1].—(Knifelike pain† in the right side of the chest, that goes away but always returns, both in the daytime and also at night; he is then unable to sleep the whole night, and the pains are so violent that he involuntarily utters loud cries; these violent stitches are somewhat relieved by firm pressure, and by tightly holding the place with the hand, but as soon as the hand is taken away they return as violent as ever),[9].—[**430.**] Sticking in the external portion of the left side of the chest, not at all affected by inspiration; during rest,[9].—Menstruation came on with sticking in the left lower side of the chest, with cutting pains about

† Curative action in a person paralyzed on one side.

the umbilicus,[9].—A drawing-sticking in the right side near the sternum, between the second and third ribs (after fifty-six hours),[9].—Some stitches internally in the right side of the chest, which arrest the breath,[9].—Stitches in the right side of the chest and beneath the right scapula at 3 P.M., so that it took away the breath and she thought she would die,[9].—A sharp stitch in the left side of the chest on inspiration, which soon disappears and seats itself in the right side,[9].—Violent stitches in the lower portion of the right side of the chest, lasting several hours,[9].—***Mamma.*** A feeling as if milk came into the breasts, just as though she were nursing a child; the parts, however, were quite withered, but this time the breasts were more withered than usual,[9].—Periodic drawing in the female breast, extending from the outer side towards the nipple (after two days),[9].—After a sticking from behind forward beneath the left breast had lasted half an hour, it shot thence as with a sharp knife transversely across the pit of the stomach towards the right breast, downward into the right side of the abdomen, into the upper and lower leg, and ended in the ankle, like an electric shock, in the afternoon,[9].—[**440.**] Several successive stitches as with an awl beneath the left breast, which extend upward across the right breast, and give rise to similar sticking pains beneath the right scapula, which do not permit her to breathe, and last five minutes (after forty-eight hours),[9].

Heart and Pulse.—Præcordium. Sticking in the heart, not at all affected by respiration, lasting a quarter of an hour,[9].—Violent sticking in the heart, which extorts an involuntary cry, disappearing often for three, four, or even eight days, and then returning during the day as well as the night,[9].—***Heart's Action.*** Heart's action remarkably slow and weak,[13].—***Pulse.*** Pulse 148, strong and wiry (after two hours),[11].—Pulse regular, rather full, about 80,[14].—Slow pulse (after 1 drop); at another time slow pulse, reduced from 81 to 63 (after 1 drop in the evening),[5].—Slow pulse the whole day, 60 to the minute,[8].—Slow pulse, 47 to the minute, for two days,[4].—Pulse slow and labored,[13].—[**450.**] Slow, weak pulse,[12].—Pulse small and suppressed,[9].

Neck and Back.—Neck. Rheumatic stiffness in the nape of the neck (after twenty-four hours),[1].—Rheumatic stiffness in the nape of the neck, lasting the whole afternoon,[8].—***Back.*** Pains in the back (after one hour and a half),[8].—Pain in the back at night, so that she could scarcely lie, that extended over the left hip, became seated in the flank, and also involved the left inguinal region, so that she could scarcely become erect; the pain in the back was worse during rest than during motion (after thirty-six hours),[9].—***Dorsal.*** Pain behind the left scapula, lasting an hour,[8].—Dull pain behind the right scapula, with a feeling as of a plug, at times throbbing, lasting all day (after one hour),[8].—Drawing tension between the shoulders,[9].—Pressive pain two inches beneath the right scapula,[8].—[**460.**] Some stitches coming and going between the scapulæ,[9].—The scapulæ are painful as if they had been beaten,[9].—A drawing pain in the upper posterior right side of the ribs, extending forward and causing a sticking above the mammary gland of the same side (after sixty hours),[9].—***Lumbar.*** Pain in the lumbar vertebræ like that usual before menstruation,[9].—Painfulness of the lumbar vertebræ and both iliac crests, as if she had run a long distance; this painfulness or bruised feeling extended into the thighs and down to the calves, where it ended like an electric shock; a stiffness and inflexibility remain in the lumbar vertebræ, in the morning,[9].—One of the upper lumbar vertebræ pains as if suppurating, or as if the flesh were torn from it, and causes a sensation (on standing up) as if something

would fall out there,[9].—Violent pains in the lumbar vertebræ like a suppuration, with pressure downward towards the rectum, as if flatus would pass, which does not follow, during menstruation; before this the pains in the back were relieved by motion,[9].—Pain in the small of the back, that almost made her sick, worse during rest than during motion,[9].—Pain in the small of the back that extends from below upwards, with heat in the palms of the hands and soles of the feet,[9].—She lay in bed from 9 P.M. to 2 A.M., with some pain in small of back, internal chilliness, and violent pulsation in head, on account of which she could not sleep, and tossed about (after forty-eight hours),[9].—[**470.**] Labor-like pains in small of back, causing ineffectual urging to stool, with distension of the abdomen (after four days),[9].—Pain in the small of the back, as if she had stooped a great deal, aggravated by motion and by stooping,[9].—A burrowing in the small of the back, as if something would come out, during rest and motion (after six hours),[9].—Drawing pains in the small of the back, extending along the sacrum down into the rectum and vagina, which cause spasmodic contractive pain mingled with stitches; the pains are relieved on standing up, return at intervals (like labor pains); after such attacks, leucorrhœa looking like milk and water flows from her by paroxysms (after twenty-four hours),[9].—Pains in the small of the back in the morning as she woke, which became more violent after rising, extending forward to the abdomen, and causing a pressure outward in the genitals and extending down into the thighs, causing anxiety and trembling through the whole body, with internal chilliness (like false labor pains in the external genitals mingled with stitches), relieved by lying down, worse when sitting and walking (after a few days),[9].—Pain in the small of the back as if broken; it extended up to between the shoulder-blades, so that she could not move the arms without pain (as if a band were between the shoulders), which made stooping difficult, lasting the whole day,[9].—A sticking pain in the external muscles in the region of the left kidney,[9].

Extremities in General.—Weary and weak in the limbs as if she had walked a long distance,[9].—She feels sick in all the limbs, as if she were going to be attacked with catarrh,[9].—Sensation of heaviness, with weariness as from sleep, in all the limbs,[9].—[**480.**] All the limbs ache as if beaten,[9].—All the limbs feel beaten as if she had run a long distance,[9].—Jerking and pinching pains in all the joints,[9].—Tingling and whirring in the limbs,[9].

Superior Extremities.—Shoulder. Pains in the shoulders, as if they had been uncovered at night,[9].—Pain in the right shoulder on moving it, lasting the whole day,[8].—An acute drawing on the posterior portion of the shoulders,[9].—Pains in both shoulders as if they were pressed against sharp corners,[9].—Stitches in the posterior portion of the shoulder-joint, which shoot through the whole arm to the fingers; in the fingers they cause a sensation as if asleep, with a powerless sensation, and actual loss of power, so that she cannot hold anything tightly with the hands as usual; when there are no stitches, there is a jerking in the hands with crawling and heat in them (after thirty hours),[9].—Stitches in the right shoulder about 4 P.M.; half an hour later, several stitches in the left side of the chest, and about 6 P.M. very violent drawing pain in the left foot (after three days),[9].—***Arm.*** [**490.**] Paralytic heaviness of the right upper arm,[8].—Dull, almost gnawing pain in the bone of the right upper arm,[8].—Pinching pain in the inner side of the left upper arm,[9].—***Elbow.*** A cramp-like sensation in the tip of the right elbow while writing, so that she is

almost unable to write (after half an hour),[9].—Periodic pains in both elbow-joints, as if the ligaments were drawn together and were too short,[9].—A pain on the inner side and lower portion of the upper arm, as if she had bruised it, noticed only on touch (after forty-eight hours),[9].—A spasmodic bubbling-like pain on the inner and lower portion of the left elbow-joint, returning at various intervals; in the afternoon (after eight hours),[9].—***Forearm.*** Paralytic-like pain shooting like lightning towards the left hand, so that she constantly lets everything fall (after twenty-four hours),[9].—A cramplike pain in the region of the lower portion of the left ulna, that extends into the fingers,[9].—Drawing pains in the left forearm, extending to the fingers,[9].—Painful drawing in the left arm along the ulna,[8].—[**500.**] On the lower posterior portion of the right arm, in the muscles of the ulna, a painful drawing extending towards the fingers, so that she cannot grasp anything as usual with the hands, and giving rise to a paralytic sensation; it returns every half an hour, or every hour,[9].—Violent drawing in the left forearm,[4].—***Hand.*** A fine sticking pain on the back of the left hand between the thumb and index finger (after one hour),[9].—***Fingers.*** Deadness of the first phalanges of all the fingers; they look quite white and have no sensation,[9].—The two first phalanges of all the fingers go to sleep in the morning, a quarter of an hour after rising; crawling in them as from ants, and they look quite white like dead hands; she is obliged to put the right index finger into hot water, because no sensation at all would return to it (after forty-eight hours),[9].—A paralytic-like pain in the left index finger, which occurs during rest and ceases on motion,[9].—Drawing pains in the right ring finger,[9].—Drawing pains in the tips of the fingers of the left hand, with a feeling as though they were swollen,[9].—***The left thumb pains as if sprained and stiff,[9].—**Pain as from a sprain in the second joint of the left thumb,*[9].—[**510.**] Pain in the ball of the left index finger as if something had been stuck into it and it would suppurate,[9].

Inferior Extremities.—Weakness of the left leg; he had no steadiness in it,[9].—Drawing-tearing and sticking pains, now in the right calf, now above the knee, now in the region of the hip-joint, lasting five minutes, then disappearing for as long a time, and then again returning; the pains always appeared with great violence, so that she started every time, together with itching and burning in the eyes, so that she was obliged to rub them; afterwards there was burning in the eyes, and much accumulation of fatty matter in the inner canthi, so that she must frequently cleanse them,[9].—***Hip.*** A pain in the left hip-joint as though it were dislocated; if he stands on the right foot there is a sensation in the left limb as if the foot were too long,[9].—***Thigh.*** A painful tension in the fascia lata of the left thigh,[9].—Tensive pain in the posterior portion of the thigh, as if she had taken a long walk, especially felt while walking and on stooping,[9].—A pain in the muscles of the thigh three inches above the left patella, as if they were too short, worse on stooping and when walking, not aggravated by touch or external pressure,[9].—A drawing pain as if in the bone extending from the right ischium down into the middle of the thigh, on the outer side, with chilliness (after eight hours),[9].—Drawing pains extending from the head of the right femur into the knee-joint, so that she can scarcely ascend steps; noticed more during rest than motion, and lasting several days,[9].—Painful drawing mingled with stitches commencing in the thigh and extending through the limb to the sole of the foot, worse in the right leg and very much aggravated by motion,[9].—[**520.**] Cramplike drawing extending from the lumbar vertebræ forward and down the thighs; it is

quite similar to labor-pains; with great uneasiness in the whole body, as if she were about to have a labor,[9].—A pain in the middle of the muscles of the left thigh as if she had received a hard blow or bruise, worse while sitting (after twenty-four hours),[9].—Dull gnawing pain on the outer side of the left thigh and leg, worse while sitting (after ten hours),[8].—A jerking pain three inches above the left knee, in the fleshy parts; during rest,[9].—A piercing jerking in the middle of the left thigh; during rest (after eight hours),[9].—***Knee.*** Weakness in the knee-joints, so that they gave way during motion, lasting an hour (after forty-eight hours),[9].—The parts from the middle of the left thigh to the middle of the left leg are painful, as if there had been a tearing in them and they were stiff; on motion,[9].—A tensive pain in the muscles from just above the knee to three inches above; the parts were painful to pressure with the hand, as if the flesh had been beaten loose; it was not felt during rest; worse in the right than in the left leg (after second day),[9].—Pain as from a sprain in the left knee-joint, so that he could not stand on that leg alone; it also had a sensation as if it would give way,[9].—A sharp pressive pain beneath the right patella,[9].—[530.] (Tearing, boring, and sticking pains in the left patella, which began towards evening, with chilliness, and continued incessantly the whole night until morning, when they disappeared),[9].—Jerking tearing in the right knee during rest (after a quarter of an hour),[9].—***Leg.*** Heaviness in the legs from the knees to the ankles, during motion, in the morning,[9].—A painful tension during motion, extending from the knees to the ankles, but especially in the calves; not during rest,[9].—A contractive pain like a cramp in the right calf, extending down to the malleoli (after five days),[9].—A paralytic-like drawing through the left leg,[9].—Pain as from a sprain in the left tendo Achillis,[9].—Tearing in the legs, extending from the ankles up to the knees, and causing a tension in the calves (after sixty hours),[9].—A throbbing like a boil in the legs from the knees to the toes, worse in the soles of the feet, during rest and motion,[9].—A painless jerking through the left leg, that throws the foot upward,[9].—***Ankle.*** [540.] A twisting pain from within outward in the right external malleolus, during rest,[9].—Sticking in the right ankle, worse on motion than during rest (after forty-eight hours),[9].—***Foot.*** The left foot is somewhat swollen,[9].—Œdematous swelling of the foot (after six days),[6].—The feet are swollen from the calves to the toes, the left more than the right; the swelling was œdematous, looked white; the foot was constantly cold and heavy, so that she had to make an exertion in order to move it,[9].—Heaviness of the feet while walking, not at all felt during rest (after thirty-six hours),[9].—Several successive stitches in the right ankle that extend to the toes and involve the whole foot (after thirty-six hours),[9].—Burning in the soles of the feet from 2 P.M. till 2 or 3 A.M.; these pains return for four successive days about the same time (after fifty-two hours),[9].—A working in the soles of the feet as if she had walked a long distance; with great weakness; the weakness was felt more in the left than in the right side,[9].—Burning, drawing, and sticking, commencing about the ankles, extending through the soles of the feet and toes; the pains are worse in the soles, and are there during both rest and motion; they begin in the forenoon and cease only in the afternoon (after four days),[9].—[550.] Tearing-drawing and sticking pains starting from the heels, extending through the soles of the feet to the toes, during rest and motion; these pains began towards evening, lasted till she went to bed, when she fell asleep with them, and on awaking in the morning and endeavoring to step, the heels felt like balls, which disappeared during the forenoon,[9].—A feeling of

suppuration in the soles of the feet (after four days),[9].—Violent stitches in the left heel on moving it, so that she started up and was obliged to remain standing,[9].

General Symptoms.—Objective. Appetite not diminished, but I lost flesh,[10].—Twitching of the muscles of all parts of the body, and spasmodic jerking of the whole body (after two hours),[11].—Weariness, as though she had not slept enough, with a feeling of warmth in the eyes (after a quarter of an hour),[9].—**Weakness and prostration* (after thirty-six hours),[4].—**General weakness and prostration* (after five days),[6].—She was obliged to rise half an hour earlier than usual in the morning; was then attacked with faintness, which lasted an hour before she again felt well,[9].—She is unable to fall asleep in the morning in bed, on account of restlessness through the whole body,[9].—[560.] Uneasiness of the whole body; twitching of all the limbs (after one hour),[1].—Uneasiness with chilliness through all the limbs, while sitting and walking, so that she frequently felt as if obliged to take a deep breath, which, however, was not possible,[9].—***Subjective.*** Insensible; whilst in this state a diseased molar tooth was extracted without apparently causing any pain; *she did not know the tooth had been taken out*,[14].—Great excitement of the whole body,[9].—A feeling as though all parts of the body were in motion, during rest,[9].—Felt myself going very low (in a few minutes),[14].—Felt numb all over (after a few minutes),[14].—Pinching pain here and there,[9].—Drawing in the whole body,[7].—Pulse natural, but when she was quiet she felt a pulsation in all parts of the body,[9].—[570.] Violent pulsation over the whole body, with a feeling as if the whole body wavered, during rest, not during motion,[9].—Shocks through the whole body causing her to start, in the night during sleep,[9].—All symptoms disappeared in a few hours under Kali bich.,[11].

Skin.—Objective. The skin in the hollows of the knees was red and scaly like a tetter,[9].—Blue spots on the thighs as if caused by pinching,[9].—The place becomes white without pain and without inflammation; after a few days it becomes dry and the epidermis scales off (from the external application),[2].—***Eruptions, Dry.*** The whole forehead is covered with pimples of the size of millet-seeds; (sometimes causing sticking pains, but always remaining the same, and never filled with serum),[9].—The whole right hand is covered with pimples, which are more felt than seen, and itch so violently that she is obliged to scratch them; the itching is worse towards evening, and in the evening in bed,[9].—A pimple as large as a pea on the spine of right scapula, painful to the pressure of the clothes; after three days it became covered with a crust, which soon fell off,[10].—An eruption of urticaria-like nodes; they lasted two or three days and then disappeared, during which time new ones constantly made their appearance,[9].—***Eruptions, Moist.*** [580.] A vesicular eruption (as from the bite of a bug) breaks out over the whole body, excepting on the calves, chest, and face, which are free; the itching is worse in the evening between 5 and 7 and in the night,[9].—Hydroa beneath the nose (without any coryza),[10].—***Eruptions, Pustular.*** The whole body became covered with large and "fatty" pustules (like small-pox),[9].—(The whole body became covered with "fatty" itching pimples; the feet were somewhat swollen and quite stiff),[9].—A small pustule in the wing of the right nostril,[10].—"Fatty" pimples on the chin and on the right cheek, upon which form yellow, honeylike crusts,[9].—***Subjective.*** Itching over the whole body, she cannot refrain from scratching; on the body the itching ceases after scratching, which causes no further

sensation, but on the arms and limbs is followed by violent burning,[9].—* *The itching in the evening became so violent that she was almost crazy*,[9].—She is unable to sleep the whole night, while in bed, on account of itching and burning all over,[9].—Tearing in the skin of the hands, which became quite rigid and stiff,[9].—[590.] A crawling in the skin externally beneath the chin, so that she was constantly obliged to rub it with the hand, though it did not go away,[9].—Itching and biting on the eyelids and about the mouth, which is still worse after rubbing, and then becomes red; after eight days these places desquamate, the whole lasting twelve days,[9].—Itching that is rather agreeable in the palm of the right hand between the thumb and index finger, lasting an hour; it is not quite removed by rubbing (after four hours),[9].—Burning itching on the soles of the feet,[9].

Sleep and Dreams.—Sleepiness. Yawning the whole day, with lachrymation,[9].—Yawning and stretching as before the paroxysms of ague,[9].—Frequent yawning, in the morning, as though she had not slept at night,[9].—Frequent yawning, with pressive pain in the forehead and weariness,[9].—Frequent yawning, with chilliness,[9].—Very frequent yawning, with watering of the eyes,[9].—[600.] Sleepiness and much yawning, with a bad taste in the mouth and little appetite (after six days),[9].—Much sleepiness; she constantly desired to sleep,[9].—(She slept the whole night without consciousness, which was not usually the case, and in the morning was quite well); (after sixteen hours),[9].—***Sleeplessness.*** She could seldom fall asleep before midnight; she had a feeling as if she was unable to fall asleep on account of weariness, with pain in all the limbs,[9].—She is very weary, yet cannot sleep, but tosses about in bed all night till 4 A.M., when regular menstruation sets in, after which she sleeps for an hour,[9].—For three nights she did not sleep before 1 or 2 o'clock, and then her sleep was mingled with many dreams; on waking at 7 both arms as far as the elbows were asleep (after three days),[9].—Sleep restless,[5].—She had no rest after 3 o'clock at night; she tossed about from place to place,[9].—Sleep bad; she cannot lie to suit her; in the morning the eyes are agglutinated,[9].—Sleep bad; she tossed about in bed the whole night, turning from one side to the other, and knew no reason why she could not sleep; in the morning on rising the whole body felt weary, and on the slightest physical exertion warm perspiration ran down all over her; she was frequently obliged to sit down to rest; while standing she sank down; lasting twelve hours (after six days),[9].—[610.] She woke suddenly about 2 A.M., as if called; she was quite wide awake, and menstruation had come on,[9].—She woke three or four times at night without any cause; after tossing about in bed for awhile she fell asleep again, and in the morning did not feel weak,[9].—Although she frequently woke at night, yet in the morning she seemed to have slept enough and was quite lively; all the head symptoms† had disappeared, and her thoughts were again composed,[9].—Starting up in fright from sleep,[9].—In the morning she had not slept enough (during the first days of the proving); all the limbs felt lame,[9].—***Dreams.*** Dreams of erections and desire to urinate, and as he wished to urinate in sleep the glans penis broke off,[9].—Anxious dreams the whole night (though as a rule she did not dream at all),[9].—She had scarcely fallen asleep when she had anxious dreams,[9].—Anxious dreams; she saw a small object which constantly became larger and larger,[9].—Anxious dreams; large men were following her and wished to violate her, without sexual ex-

† Compare S. 10, 11, 13, 18, 35, 42, 85.

citement,[9].—[620.] She dreamed that something had happened to her children, on which account she wept, and was very anxious, and on waking was wet with perspiration,[9].—She dreamed that it was snowing; that she was in the open air and had her little child with her, on which account she was anxious,[9].—Dreams of a fire, which burned brightly, which made her very anxious and woke her,[9].—She laughed in her dream after midnight; as she woke she knew nothing more of it, but was lying uncovered and cold; without chilliness,[9].—Feeling of stoppage in the throat in a dream at night,[9].—She dreamed of dirty disgusting linen,[9].—She dreamed that she had taken poison, and had become very much emaciated on account of it,[9]. —She dreamed of falling from a height,[9].

Fever.—Chilliness. Chilliness (after six hours),[8]; the whole forenoon,[4].—As soon as she became quiet she felt chilliness through the whole body,[9].—[630.] Chilliness over the whole body; the skin seemed dead, with a feeling through the whole body as if she had revelled all night and had not slept; in the morning after two hours chilliness over the whole body, so that she really shivered, with great heat in the face, bright-red cheeks, icy-cold feet and a feeling of heaviness from the shoulders to the elbows, so that she was unable to carry them to the head; during rest the pains were not felt, but only on motion, with great fretfulness, lasting from 10 A.M to 10 P.M.; during the night she slept well and was quite well in the morning (after four hours),[9].—Much chilliness, without heat and without thirst, during the menses,[9].—Internal chilliness, with red cheeks, in a warm room,[9].—She easily became chilly,[9].—She was chilly, the hands icy cold (after two hours),[9].—Chilly for three days in succession, without thirst or subsequent heat,[9].—She was constantly chilly, but still more during menstruation,[9].—Shaking chill in the morning on rising from bed, with bright-red blood from the nose (after twenty hours),[9].—Shaking chill for five hours, followed by heat of the face, hot hands and cold feet, mingled with chilliness, from 2 to 11 P.M. (after four hours),[9].—Shaking chill, with flushes of heat, without thirst, drawing and sticking pains in the forepart of both temporal bones, pressure in the eyeballs and an appearance as if a veil was before them, impairing vision, and on account of which she was obliged to rub the eyes; followed by hot and acrid tears and appearance of inflammation of the white of the eye (after two hours),[9].—[640.] Shivering over the whole skin,[9].—Alternations of chill and heat, with much thirst, weakness in all the limbs, uninterrupted cough, partly dry and partly loose, but very painful and racking, caused by irritation in the lower portion of the chest, and by a crawling in the middle of the chest up into the throat; the epigastric region was very much shaken by the cough; it was accompanied by pressive pain in the middle of the vertex, which was aggravated by touch,[9].—Chilliness between the shoulders, extending up the back, so that she could not get warm by the stove; during menstruation,[9].—Chilliness, commencing between the shoulders and extending to the middle of the small of the back, where it disappeared; followed by pain in the small of the back, so that she could neither sit nor lie, but was constantly obliged to walk about, which relieved the pains in the small of the back, but then new pains appeared in the hips, which extended to the middle of the thighs, and did not allow her to lie quietly in bed, and were only relieved by external warmth; contact with the external air aggravated the pains in the hip,[9].†—Chilliness about 9 P.M., first in the feet, then in the back, head, and

† Nux vom.[30] speedily relieved.

arm, where she was chilly to the fingers, with a feeling as though the parts were cold, which however was not the case, lasting only a minute (after thirty-six hours),[9].—She was chilly from the backs of the feet up to above the knees,[9].—Cold feet,[9].—***Heat.*** She woke after midnight, and felt too warm in bed; but if she put her feet out of bed she became cold,[9].—Periodic flushes of heat, the cheeks became bright-red, the redness sharply defined,[9].—Burning heat flashing over the whole body and limbs (after two hours),[11].—[650.] She said "she was burning up" (after two hours),[11].—Dry febrile heat (the cheeks seem painted) over the whole body, without thirst, soon followed by warm sweat; as soon as this stopped, the most violent drawing and sticking pains in the small of the back set in, which did not allow her to sleep during the night, and made turning over difficult,[9].—An orgasm and throbbing in all the vessels, beginning in the epigastric region and extending through all parts of the body, worse on motion than during rest (after eighteen hours),[9].—Slight fever (after twenty-four hours),[11].—Very feverish through the whole body, with a good appetite,[9].—Increased warmth of the face, and a feeling as if it would perspire, though it was dry,[9].—A very agreeable warmth in the palms of the hands, immediately followed by warm sweat, in the morning in bed, and renewed at different times during the day,[9].—Great heat of the face during the midday rest, with throbbing in the cheeks and forehead; the whole face looks brownish-red; after resting a little the heat of the face disappears, but the headache remains, and only ceases after a cup of coffee or a dose of Nux vom.[30], therewith, frequent urging to urinate till the next noon,[9].—Constant heat of the face; she became short-breathed in the warm room, and was obliged to go into the open air, else she became faint,[9].—Complained that her feet felt as if in the fire (after two hours),[11].—***Sweat.*** [660.] On the fifth night of menstruation she perspired very profusely, only on the back and chest (very unusual),[9].—Sweaty feet at times,[9].

Conditions.—**Aggravation.**—(*Morning*), Fretful; pain in forehead; sneezing; bitter taste; on rising, discharge from vagina; hoarseness; dry cough, etc.; on rising, sticking across chest; painfulness of lumbar vertebræ; after waking, pain in small of back; during motion, heaviness in legs; on rising, shaking chill; warmth in hands.—(*Afternoon*), Stitches in chest.—(*Evening*), Tearing in side of face; itching of hands.—(*Night*), Pain in back; during sleep, shocks through body.—(*External air*), Pain in hip.—(*Motion*), Pain in small of back; drawing in thigh; pain above knee; tension in legs; sticking in ankle; pains all over, during chilliness; general orgasm.—(*Rest*), Pain in back; pain in small of back; pain in thigh; pain above knee; tearing in knee; pain in malleolus; pulsation all over.—(*Sitting*), Pains in small of back; pain in thigh.—(*Stooping*), Tensive headache; pressing-out pain in head; pain in small of back; pain in thigh.—(*Walking*), Pain in small of back; pain in thigh; heaviness of feet.—(*Writing*), Sensation in tip of elbow.

Amelioration.—(*Evening*), Pain in neck of womb.—(*In open air*), Symptoms mostly disappeared,[10].—(*Lying down*), Pains in small of back.—(*Standing*), Pain in small of back.—(*Stooping*), Clawing, etc., about umbilicus.—(*Walking*), Pains in abdomen while sitting.

LABURNUM.

Cytisus Laburnum, Linn.

Natural order, Leguminosæ.

Common name (German), Gold-regens.

Preparation, Tincture of the bark (which contains the largest proportion of the active principles).

Authorities. **1**, Dr. Bonney, Lancet, 1841 (poisoning of children by seeds), W. D. ate one seed; **2**, M. E., aged 9, ate one seed, ibid.; **3**, T. B., aged 9, four seeds, ibid.; **4**, W. B., aged 8, four seeds; **5**, T. G., aged 6, five seeds, ibid.; **6**, R. T., aged 9, one seed, ibid.; **7**, J. M., aged 9, five seeds, ibid.; **8**, J. E., aged 8, one seed, ibid.; **9**, E. L., aged 7, one seed; **10**, T. S. Gray, general physiological action, Edin. Med. Jour., 7, 1029; **11**, Christison, effects of eating broth which contained a piece of bark one or two inches square, Am. Jour. Med. Sci., 1844, p. 236; **12**, Lilienfeld, poisoning of four boys by seeds, Prag. Viertlj., 1847; **13**, North, poisoning of child by the flowers, London Med. Gaz., 1848; **14**, Hinckeldeyer, Husemann and Wiggers, Jhb., 1873, fatal poisoning of two children; **15**, Sedgwick, poisoning of boy by the root, Med. Times and Gaz., 1857; **16**, same, in a girl; **17**, Usher, poisoning of two boys by seeds, Med. Times and Gaz., 1862, p. 293; **18**, Hair, poisoning of children by pods and seeds, Br. and For. Med.-Chir. Rev., Oct. 1869; **19**, Wheelhouse, fatal tox. of child, aged 5, by seeds and pods, Br. Med. Jour., Jan. 1870; **20**, Tinley, poisoning of girl by holding a twig in her mouth several hours (not swallowing any), Lancet, Aug. 1870; **21**, Lesage-Pichou, poisoning of six persons by eating the flowers, Rev. Ther. Du Midi, 1859 (S. J., 103, p. 306); **22**, Wilson, poisoning of child by seeds, Lancet, 1871; **23**, Dr. K., poisoning of child by pods, N. Z. f. H. Kl., 16, p. 32; **24**, Aitken, poisoning of girl, aged 5, by pods, Br. Med. Jour., Oct. 1875; **25**, Clonet, poisoning of family by eating fritters flavored with flowers (twigs not used), Le Mouvement Med., 1875 (New Remedies (Wood), vol. 4, p. 355); **26**, Porter, poisoning of child, aged 3, by eating flowers, Med. Press and Circular (New Remedies, 4, p. 356); **27**, Sabarth, poisoning of a girl by seeds, Schmidt's Jahrb., 172, p. 15.

Mind.—Emotional. Small doses of the decoction produce at first a little excitement,[10].—No anxiety manifested in any way, but a remarkable amount of indifference to all around (one case),[18].—***Intellectual.*** When spoken to, he seemed stupid and unconcerned; when roused by a shake, and when asked a question, he would answer by a nod or shake of the head (one case),[18].—Stupefaction,[12].

Head.—Vertigo. Constant vertigo, even while lying down; if she attempted to sit upright, she immediately fell back again,[20].—Greater number said to be giddy, some wheeling perfectly round several times before and during the times of vomiting,[18].—Giddiness prevented him from walking, but he could sit upright (after one hour and a quarter),[15].—Great giddiness (after one hour and a half),[16].—***General Head.*** The head rigidly thrown back (after three hours),[26].—[**10.**] Head hot,[12].—Headache,[19 23].

Eye.—Dull, lustreless eyes (after one hour and a half),[15].—Eyes dull and surrounded by a livid zone (after one hour and a half),[16].—Eyes sunken (one case),[18].—***Lids.*** Eyelids only half open,[12].—Eyes mostly closed,[27].—***Pupil.*** *Pupils dilated*,[12 18 23 27].—Pupils dilated in all cases, con-

siderably in some, not so much in others,[18].—Pupil much dilated, but acting readily in strong light (one case),[18].—[20.] Great dilatation of pupils,[2 22]. —Pupil slightly contracted,[24].—Sluggish pupils,[1 3].

Face.—Expression anxious,[20].—Languid, and very pale countenance (after one hour and a half),[15].—Pallid,[24].—Pale countenance,[11 12].—Pale and heavy,[9].—Face pale, cold, and of dull expression (one case),[18].—Face pale and expressive of severe pain, augmented from time to time by a succession of spasmodic muscular contractions, after the fever,[25].—[30.] Face pale and deathlike (after one hour and a half),[16].—Pale and nauseated,[5].—Pale and nauseated, with pulse scarcely perceptible at the wrist,[1].—Very pale,[4].—Face deathly pale, with blue lips,[27].—Twitching of the muscles of the face, with efforts at vomiting,[13].—Muscular twitchings about the face and neck (after half or three-quarters of an hour),[17].—Lips blue,[12].

Mouth.—Tongue. Tongue white,[20].—Tongue clean and moist (after one hour and a half),[16].—[40.] Pale, glazed tongue,[11].—Tongue dry, glazed, and red,[19].—***General Mouth.*** Mouth dry,[12].—Dryness of mouth and throat,[19].—Mouth and lips parched,[19].—Speech very indistinct,[12].

Throat.—Burning in the throat, with great thirst,[12].

Stomach.—Appetite. Impaired appetite,[11].—***Thirst.*** Excessive thirst,[20].—Greedily thirsty, and grasped at liquids with avidity, seizing the vessel with both hands and draining it,[19].—[50.] ***Nausea and Vomiting.*** Nausea,[23].—Constant nausea and eructations,[20].—*Vomiting*,[8 14 15].—Vomiting; the vomited matter mixed with half-masticated pods and seeds of the Laburnum,[24].—Vomiting, vertigo, and cold sweats, preceded by slight feeling of malaise, and followed by high fever (after fifteen minutes), (in three ladies),[25].—Vomiting and purging,[4].—Vomiting and diarrhœa,[21].—The child lay quietly in bed, except that every half an hour she was roused up by vomiting,[27].—One vomited repeatedly during twelve hours, another only two or three times, but in the latter case the other symptoms were more violent,[25].—Occasional vomiting of a light-brown fluid, in which floated some glutinous and stringy matters,[16]; (after half an hour),[15].—[60.] Smart vomiting,[19].—Attacked by violent vomiting (after five minutes); this continued throughout the evening and night and the next day, with shivering, pain in the stomach and bowels, and great feebleness; vomiting recurred in some degree daily, especially after eating,[11].—Repeated violent vomiting,[12].—Vomiting had been profuse for two hours (after three hours),[26].—Stomach ejected large quantities of watery secretion,[19].—Nothing remained on the stomach, even water or ice was almost instantly rejected,[19].—Tried, but was unable to vomit (one case),[18].—***Stomach.*** Pain in stomach,[6].—Pain in "belly" (stomach), (one case),[18].—Great epigastric pain (after half or three-quarters of an hour),[17].—[70.] Burning pain in the epigastric region,[12].—Cramplike sensation in the region of the stomach,[20].

Abdomen.—Pain in umbilical region,[19].—Abdomen distended, tympanitic, very sensitive to pressure,[12].—Flatulent distension of the belly,[11].—Abdomen flaccid and somewhat painful in hypogastric region (after one hour and a half),[16].—Pain in the abdomen increased by pressure,[11].—Colic,[23 27].—Felt his belly sore, but had no marked sickness (one case),[18].

Stool.—Diarrhœa. Diarrhœa, followed by cessation of convulsions,[22].—[80.] Bloody diarrhœa,[23].—Diarrhœa, with tenesmus and slightly sanguinolent stools,[11].—Purging on the morning of the second day; continued to recur in some degree daily,[11].—Purged considerably,[7].—Smart purging,[19].—Constantly purged (after half or three-quarters of an hour),[17]. —Never vomited at all, but was very much purged (one case),[18].—Watery

fluid, with feculent odor, constantly drained involuntarily from the bowels,[19]. —In the crude form it colors the stools, giving them either a green, clay, or dark appearance,[10].—***Constipation.*** The bowels almost always become constipated,[10].

Urinary Organs.—[90.] If we measure the quantity of urine passed daily before the administration of the drug, and again after we administer it, we shall find in the latter case that the quantity is increased, usually to the extent of a few ounces; in some cases we shall find scarcely any perceptible increase,[10].

Respiratory Organs.—Breathing stertorous (after three hours),[26]. —Breath-sounds clear (one case),[18].—Respiration accelerated after the fever,[25].—Hurried and labored respiration,[11].—Breathing occasionally hurried and deep (one case),[18].—Breathing slow; expiration very markedly prolonged,[19].

Heart and Pulse.—Heart's action rapid and tremulous (one case),[18]. —Excitable pulse, with disordered circulation,[11].—Pulse rapid, 130 (one case),[18].—[100.] Pulse weak and rapid,[3 5].—Pulse soft, feeble, and rapid,[19]. —Pulse alarmingly weak and frequent (after half or three-quarters of an hour),[17].—There is a slight increase of the pulse, and the respiratory movements are also a little accelerated; this effect is transitory, and the pulse soon falls to a little below the normal standard; these symptoms are succeeded by languor and tendency to sleep,[10].—Pulse, in all but two cases, over 100,[18].—Pulse 120, small (one case),[18].—Pulse 100, moderately full,[20]. —Pulse 95, very small and feeble (after one hour and a half),[16].—Pulse 85, small,[22].—Pulse small,[12].—[110.] Low and feeble pulse,[24].—Pulse weak,[2 4 6].—Pulse scarcely perceptible at the wrist,[1].—Pulse imperceptible (after three hours),[26].

Extremities in General.—Jerking and trembling of the limbs,[12]. —Extremities weak and cold,[27].

Inferior Extremities.—Some had a peculiar twitching in their walk,[18].

General Symptoms.—Objective. Convulsions,[14 22].—Transitory languor and somnolence, but this soon passed off, leaving marked insomnia, which lasted through the night (after nine hours),[25].—Very weak (after one hour and a quarter); quite prostrate (after one hour and a half),[15].—[120.] Great debility,[11].—Exhaustion,[24].—Prostration,[19].—Great prostration of strength (after one hour),[16].—Complete collapse, with great restlessness, with perfect consciousness,[23].—In an almost dying state (after three hours),[26]. —Extreme, intractable restlessness, ending in incessant and almost frantic jactitation,[19].—***Subjective.*** Felt faint and giddy (after one hour and a half),[15].—Slight feeling of malaise, followed by vomiting, vertigo, and cold sweats, succeeded by high fever (after fifteen minutes), (in three ladies),[25]. —All the symptoms appeared in five out of the seven persons who had partaken of the fritters, but in various degrees of intensity; in the case of a vigorous man the symptoms did not supervene until two hours after the repast; in the case of a servant who had eaten the fritters cold, the symptoms did not appear for ten hours,[25].

Sleep.—Sleepiness. [130.] Sleepiness,[22].—Remarkably sleepy,[17].—When not disturbed, inclined to doze (one case),[18].—Drowsiness,[1 2].—Considerable drowsiness (after one hour and a half),[16].—Transitory somnolence and languor, but this soon passed off, leaving marked insomnia, which lasted through the night (after nine hours),[25].—***Sleeplessness.*** Intervals of

restlessness and tossing from point to point in the bed alternated with others of heavy drowsiness,[19].

Fever.—***Chilliness.*** Surface of body pale, remarkably cold, almost marble-like,[19].—Surface of body continued pale and cold, and yet there was remarkable impatience of even the slightest covering,[19].—Cold skin (after one hour and a half),[15].—[**140.**] Skin, especially of extremities, cold,[22].—Skin very cold and clammy (after one hour and a half),[16].—Body cold (after three hours),[26].—Very cold,[17].—Every now and then severe rigors shook his frame (after half or three-quarters of an hour),[17].—Extremities cold,[12]; (one case),[18].—***Sweat.*** Skin covered with clammy perspiration (after half or three-quarters of an hour),[17].—Cold sweats, vomiting, vertigo, preceded by slight feeling of malaise, and followed by high fever (after fifteen minutes), (in three ladies),[25].

LACERTA.

Lacerta agilis, L.

Natural order, Reptilia.

Common name, Green Lizard (widely diffused throughout Europe; not venomous).

Preparation, (?)

Authorities. **1**, Symptoms from Archiv f. Hom., 14, 2, 202; **2**, Baldini, A. H. Z., 67, 74, experiments on self; he swallowed a whole lizard cut into small pieces; **3**, same, second experiment; **4**, same, two lizards taken.

Mouth.—Large vesicles under the tongue,[1].—Constant accumulation of saliva in the mouth,[4].

Stomach.—Violent eructations and some distress in the stomach,[2].—Nausea and a feeling of weight in the stomach, immediately,[3].—Great nausea,[4].—Violent pressure in the stomach,[4].

Abdomen.—Pains in the intestines, relieved by frequently drinking water and vinegar (after one hour),[4].

Pulse.—Pulse rose 8 beats,[4].—The pulse, which before the proving was 70, rose to 80,[2].—[**10.**] Pulse 80 when taking, fell 14 beats (after one hour),[3].

General Symptoms.—All the symptoms disappeared during the subsequent night after a profuse sweat,[4].

Skin.—Moist, white eruption in several parts of the body, especially on the inner canthus of the eye,[1].—Ulcerated places on the female genitals,[1].

Fever.—The temperature rose 6°,[4].—The thermometer applied to the pit of the stomach before taking was 26°; 32° after one hour,[3].—Thermometer, when taking, 34°; it fell 8°, after an hour,[3].

LACHESIS.

Trigonocephalus lachesis, L.

Natural order, Ophidia.

Common name, Surukuke or Churukuku.

Preparation, Triturations.

Authorities. (1 to 18 from Hering, Denkschrift der N. Am. Akad. der Hom. Heilk., 1837, B., effects of bite); **1**, C. Hering, effects of 30th dil.; **1** *b*, same, effects of triturating and of 1st and 2d trits.; **2**, Stapf, 30th dil.; **3**, Bute, 30th; **4**, Bauer, 30th; **5**, Behlert, 30th; **6**, Detwiler, 30th; **7**,

Gross, 30th; **8,** Kummer, 30th; **9,** Reichhelm, 30th; **10,** Rœmig, 30th; **11,** Wesselhœft, 30th; **12,** Kehr, 30th; **13,** Koth, 30th; **14,** Matlack, 30th; **15,** De Young, 30th; **16,** Helffrich, 30th; **17,** Schmœle, 30th; **18,** Lingen, 30th; **19,** Robinson, Br. J. of Hom., 24, 515, effect of 6th dil., four times a day, in a man; **20,** same, 20th dil., in a woman; **21,** same, 30th dil., in a woman; **22,** Dr. H. B. Fellows, effect of 30th dil. (taken for a cough), Am. Hom. Rev., 5, 411; **23,** Dr. Bartlett, effects of 6th dil., in a woman, for spasm of œsophagus, which it cured, but developed as follows, N. Am. J. of Hom., 2, 157; **24,** Metcalf, effect of 30th, in a young lady, suffering from chronic headache, N. Am. J. of Hom., 2, 158; **25,** Berridge, effect of 60^{m}, Fincke, in a patient (?), N. Y. J. of Hom., 2, 312; **26,** same, effect of ^{cm} Fincke, in a patient, A. J. M. M., 9, 246; **27,** same, effect of 6th dil., in self, ibid.; **28,** same, effect of 200th dil., in a man, ibid.; **29,** M. M., effect of 6th dil., in a girl, aged twelve, Am. J. M. M., 4, p. 78.

Mind.—Emotional. Maintains great quietness and firmness of mind, during very vexatious and exciting events (seventh and following days),[1a].—Lively, without any cause,[2].—Excited mood the whole morning (second day, second proving); decidedly improved health, suffering only from too much smoking (third day),[1a].—Excited for a very long time in the evening, lively, in spite of constant sticking pressure beneath the scapulæ,[1].—A kind of ecstasy, as after sublime impressions, or excessive joy, throughout the day; he constantly wishes to talk and do much, and even more seems to be at his command (third day),[1a].—Fanciful imaginings, with the evening fever,[1a].—It seems to him during the day that he has dreamed everything that has happened, only somewhat different,[1a].—Great irritability; soothing poetry moved him to immoderate weeping; he was obliged to cry for joy; as for example, when reading in Schiller's Tell, he could not proceed; an unmanly rapture compelled him to desist; in exciting scenes he broke into tears, and so on for a great many days; after much crying, pain above the eyes,[1a].—**Much talking during the febrile condition,* in the evening,[1].—[**10.**] ***Loquacity**; in the evening, with physical laxity, sleepiness without being able to fall asleep; without sitting up he talks a great deal, wishes to tell stories, constantly goes from one to another; during this he, however, recollects himself and soon knows when he has mixed and distorted anything; he then corrects himself, but repeats the same mistakes; thus he is tormented half the evening (first day),[1a].—An unusual inclination to be communicative,[2].—**Great inclination to be communicative, extraordinarily vivid imagination; therewith extremely impatient at tedious and dry things,*[1a].—Lively and communicative, even with a disagreeable feeling of fulness,[2].—Social and communicative,[2].—The more cause for fretfulness, the greater inclination for humor, jest, satire, and humorous fancies,[1a].—Depression of spirits, with chilliness,[1].—Depressed and anxious, with shortness of breath,[1].—Great sadness in the morning, weak for a short time in the forenoon, otherwise physically well (thirteenth day),[9].—So great apprehensiveness while riding in the open air that it seemed to him some great evil was impending, like an evil foreboding; it torments him for more than an hour (after three to four hours),[1a].—[**20.**] Very easily frightened, in the evening (first day),[1a].—Very easily frightened, with sensitiveness of the brain,[2].—Sudden doubts arise about truths of which he had hitherto been convinced, in the afternoon,[17].—It frequently seems to him wrong to read long at a time, although the subject interests him,[2].—Mistrustful and thinking evil,[1a].—Towards evening very unusual almost crazy jealousy, as foolish as it is irresistible (after six hours),[1a].—

Irritability during the feverish heat,[2].—Extremely irritable,[2].—At times, can only think for a long time of some fancied worry,[2].—An infant is very fretful, cries much, will not lie down; then attacked by febrile heat, with many eructations; vomiting of milk; frequent stools; much crying and fretting; therewith it was hot to the touch,[1].—[30.] Impatient; desires positive answers when this is not practicable,[11].—Peevishness (transient),[2].—Becomes easily peevish and mistrustful; believes himself intentionally injured by all his environments, and attaches the most hateful significance to the most innocent occurrences,[7].—Unusually contentious and obstinate, so that he quarrels with everything about him,[11].—So quarrelsome that he disputes with a mother about the age of her daughter, and affirms the younger to be the elder,[11].—Violent, scornful mood, without being vexed (first day),[1a].—Breaks into a rage about trifles,[2].—Indifferent and disinclined to work in the forenoon,[9].—Very remarkable and persistent *indifference* and forgetfulness,[1a].—***Intellectual.*** The mind was somewhat more collected after the first emission the fourth day than on the day previous,[2].—[40.] He wishes to do a great deal; begins many things,[1a].—Need of being very busy, without the slightest perseverance,[2].—**He sits up late at night at mental work, with great activity*,[1].—He is impelled to productive work in the evening, although he had been much fatigued during the day; he sits all night, without the slightest sleepiness or exhaustion; writes with the greatest freedom and increased vigor about everything that he knows; new things constantly throng in his mind; also next day, after very little sleep, he is just as excited; it only gradually diminishes without subsequent reaction of mind; on repeated provings,[1].—Increased power of originality in all mental work, increased activity of fancy; scenes and occurrences throng to him in an unusual amount,[1a].—*No sooner does one idea occur to him than a number of others follow in succession while he is writing it down, so that he is unable to finish the record,[1a].—Gladly sits in meditation,[2].—Longing for amusement, without however experiencing ennui, with lively fancies about which he himself laughs,[2].—Ennui with trembling,[2].—Mentally very indolent, with physical weakness (sixteenth day),[9].—[50.] Aversion to work,[2].—*Disinclined to his own proper work;* either an indifferent or sad mood, with weariness and general laxity (fifteenth day),[9].—Must force himself to attend to business (later action),[2].—Dilatory, disinclined for any mental work,[4].—Dilatory; he cannot accomplish his business as usual,[3].—Cannot perform anything in an orderly manner,[3].—Inability for abstract thought; not the least persistence,[2].—Very distracted, while reading, without interesting trains of thought,[2].—A kind of loss of ideas,[7].—*An unusual confusion as to time;* he dated everything the 26th, when it was only the 6th; and on Wednesday he asked whether it was Saturday,[3].—[60.] **Makes more mistakes than usual in writing*,[3].—Constantly obliged to pay attention to his spelling, in a language in which he is usually fluent,[1].—Writes a letter with numerous mistakes in spelling, without noticing them himself, in words written both in Roman characters and in the usual German text (in one who hardly ever made such mistakes),[11].—Forgetful and indifferent,[1].—* *Weakness of memory*, so that it was difficult to pay attention to what was said to him,[2].—Does not remember what has just happened,[10].—It became extremely difficult for him to listen to others, though his hearing was not impaired; *the words just spoken seemed obliterated*,[2].—Has no memory at all; hears and understands nothing that others say to him; with good power of thought,[2].—Loss of consciousness, as before apoplexy,[3].—Loss of consciousness, with vomiting and purging

(bite).—[70.] Loss of consciousness (two days after the bite), with somewhat irregular motions of the limbs; covered with cold clammy sweat; pulse small, slow, almost imperceptible.—Loss of consciousness with loss of strength and disappearance of the pulse (bite).—Complete loss of consciousness at times, with cold feet; it disappeared as soon as the feet became warm,[2].

Head.—Confusion and Vertigo. Confusion of the head,[1].—Confusion of the head in the morning, lasting till the tenth day,[9].—Confusion of the head in the morning, and in the afternoon pain on the right side of the head (third day),[9].—Confusion in the head in the morning, with heaviness and blowing of blood from the nose, with headache in the forenoon and congestion of the head in the afternoon,[9].—Confusion of the head in the morning, with inability to think correctly; does not disappear after sleep, but remains with weakness in all the limbs till evening (fourth day),[9].—Confusion of the head (after one hour); with heat and violent congestion (after two hours), lasting till afternoon,[4].—Vertigo (chronic result of the bite).—[80.] Vertigo, with general illness in the morning,[2].—***Vertigo in the morning on waking,**[1].—Vertigo after rising,[1].—Vertigo, with reeling towards the left side, in the morning, immediately after rising,[4].—*Vertigo in the evening,[3].—Vertigo, with reeling and attacks of loss of consciousness, as if he would be attacked by apoplexy; as if it were threatening him; two evenings in succession,[3].—Vertigo, previous to violent vomiting, at night,[9].—Vertigo as soon as he goes into the street,[1].—Vertigo, with rush of blood, after a stool,[1a].—Vertigo precedes the faintness,[1].—[90.] Vertigo and headache,[1].—Vertigo so that he must hold on to something, especially after stooping,[1].—Vertigo, even to falling down,[1].—**Slight momentary vertigo, at times,* on closing the eyes; at 11 A.M. (after one hour),[9].—Dizziness, almost like vertigo, with pressure in the eyes,[4].—Dizzy while sitting (first day),[5].—Dizzy while sitting after walking (second day),[1a].—Dizzy while standing, disappearing on sitting, in the morning,[8].—*Dizzy, pressive headache,*[6].—A condition similar to intoxication (bite).—***General Head.*** [100.] Swelling of the head and face, so that the eyes are closed,[1].—Dulness in the head, so that he could remember nothing that had just happened; he feels confused in the head and distracted,[10].—Dulness, dizziness, with roaring in the ears, during fever,[5].—Dull sensation in the head, with nausea, in the afternoon,[8].—Heaviness of the head in the morning, followed by pain in the vicinity of the right eye (second day),[9].—Feeling of heaviness in the head, at 11 A.M.,[8].—Fulness in the head during the febrile heat,[2].—Feeling of fulness in the head all day; some headache next day,[8].—Tensive pain in the head, as if a string were drawn from the nape of the neck above the ear internally to the eyes, on coughing,[1].—Tensive pain in the head, better from pressure; a roaring in it; it feels hot; much sneezing and fluent catarrh and hard stool (after seventh dose),[15].—[110.] Tensive pain in the whole head, better in the open air and from pressure, with an indolent, hard stool (after the sixth dose),[15].—Drawing, jerking, tensive sensation in the bones of the skull and cheeks, also in the lower jaw,[2].—Rush of blood to the head, in the forenoon, on stooping, together with headache on the right side, extending towards the occiput (seventeenth day),[9].—Rush of blood to the head for a few hours in the forenoon, especially on stooping, preceded by headache above the right eye (fifth day),[9].—Rush of blood to the head in the afternoon, immediately on stooping, very violent (seventh day),[9].—Rush of blood to the head, especially on stooping and on walking; preceded by headache; more in the afternoon; blowing of blood from the nose in

the morning,[9].—Rush of blood to the head, before and after the headache,[7]. —Rush of blood to the head, with hæmorrhoidal troubles,[12].—Rush of blood to the head and vertigo, after a satisfactory pasty stool (third day),[1a].—Rush of blood to the head and face, with the cough,[7].—[120.] Rush of blood to the head with confusion;[4] with vertigo,[1a].—*Rush of blood, with heat in the head,[4].—*Rush of blood to the head*, with painful pressure under the whole skull; he was conscious of every diseased tooth, though they were not painful; blowing of bright-red blood from the nose, with a drawing sensation in the nose and frontal sinuses, and under the whole skull, as if water had been injected into it,[2].—Rush of blood to the head, with flickering before the eyes,[1].—Rush of blood to the head, with a beating roaring in the ear,[1].—Congestion to the head (after eight days),[12].—Much rush of blood to the head (third to seventh days),[1a].—Constriction of the head above the ears, and pressure in both temples towards the ears; not persistent (after one hour),[9].—Headache, with vomiting of food,[7].—Headache before menstruation,[7].—[130.] Headache alternates with cough,[8].—*Headache extending into the nose,[5].—**Headache extending into the root of the nose*,[1].—Headache, with vertigo, in the evening,[1].—*Headache, with rush of blood to the head,[9].—Headache, with nasal catarrh, and full, hard pulse,[15].—Headache, with nasal catarrh and fever,[1].—Headache disappears after the nasal catarrh,[1].—* *Violent headache, with flickering before the eyes*, as if nasal catarrh would break out,[7].—Deep internal headache,[1 2 14].—[140.] Painful pressure beneath the whole skull, with rush of blood,[2].—Pressive sensation beneath the skull, as from taking cold, after going out; the same, associated with nausea, comes and goes; very much aggravated by stooping; the pain alternates with heat,[2].—Pressive headache for two days; on the third day congestion to the head, with flickering before the eyes in wonderful angular jagged figures, followed by headache,[7].—Pressive headache, after the attack of vomiting at night,[9].—**Pressive headache, with nausea*,[3]. —Pressive headache, with sleepiness,[3].—A pressive heavy sensation in the head, with nauseous vertigo, after drinking wine,[3].—Pressive dizzy headache,[6].—Violent pressing pains and congestion to the head, in the morning (sixteenth day),[9].—Sudden violently pressing pain about the upper portion of the head, in the evening; worse in both temples, where he feels every step on walking,[9].†—[150.] Fine and deep-sticking headache,[5].—Stitches in the head, with nasal catarrh,[1].—Tearing in the head,[7].—Beating in the head on stooping, with erysipelas of the face,[1].—A heavy spot in the middle of the head, that goes back and forth as he moves the head,[2].—***Forehead.*** Pressive heavy sensation in the forehead,[3].—Headache in the forehead,[6].—Headache in the forehead, at times (fifth day),[5].—Headache, first over the whole forehead, afterwards becoming more concentrated towards the left frontal sinus,[4].—**Headache in the left frontal eminence, deep internally*, as if connected with the ear; it is also painful externally on pressure, as if bruised, in the morning,[1].—[160.] *Headache over the eyes, extending to the root of the nose (after two hours), and lasting nearly all day,[4]. —Headache near the right eye (fourth day),[9].—Dull headache in the forehead (after two and three hours),[16].—Aching or pressive headache deep in the forehead and left temple,[14].—Transient drawing from the left temple to the forehead,[1].—Pressure in the forehead,[8].—Pressure inwards in the forehead, disappears in the open air and on moving about, but returns when sitting still in the house; two evenings,[10].—Pressure above the left eye in

† After Phosphoric acid, ineffectually taken as an antidote.

the forenoon (eleventh day),[9].—Writhing in the forehead above the right eye (first day),[5].—Sudden shooting in the forehead (followed by throbbing headache that she had often had formerly),[5].—[170.] Tearing sticking in the forehead across above the eyebrows,[5].—Tearing in the forehead above the eyebrows, also as if in the bones, in the morning (fifth day),[5].—Headache in the left frontal sinus, as if sore,[4].—Violent throbbing above the left eye,[3].—*(*Throbbing pain above the right eye,* with nausea, bad taste in the mouth, heartburn),[1].—**Pain as if swollen in the angle in front of the styloid process, worse when pressing upon it,*[15].—***Temples.*** Headache in both temples,[8].—Pressure beneath both temples, extending to the ear,[9].—Pressure, quite severe, in the left temple, lasting the forenoon,[9].—Stitches in the left temple and side of the head,[1].—[180.] Tearing extending upwards from the ears to the temples,[5].—Throbbing in both temples, in the morning on waking, lasting a quarter of an hour (second day),[13].—Constant beating in the temples for ten days before menstruation,[7].—Pulsating pain in the right temple, that extends into the right orbit,[4].—***Vertex.*** *Boring and sticking on the vertex,[7].—Very painful drawing from one spot above the right ear to the crown, recurring five times with intervals of some seconds; an hour after eating,[1].—Sticking in the vertex and temples, as with knives and forks; extending through the whole head, with catarrh and stiffness of the nape of the neck,[1].—Stitches on the vertex,[1].—Stitches in the vertex, coming from the eyes,[17].—Headache on the vertex as if beaten, internally, worse on external pressure,[1].—***Parietals.*** [190.] *(*Headache on the right side, extending to the neck and shoulders, with tension in the muscles*),[1].—Sudden headache on the left side, continuing during the forenoon (fifteenth day),[9].—Drawing and sticking in the right side of the head; from only smelling coffee, as if he had drunk it,[2].—Feeling as if some one were cutting pieces from the right parietal bone, in the afternoon,[1].—Pressive sticking pain in the right side of the head,[2].—Two transient stitches in the right side of the head, as if starting from a scar on that side, immediately,[4].—***Occiput.*** **Heaviness like lead in the occiput; can scarcely raise it from the pillow, in the morning after waking, with vertigo,*[2].—Tensive pain in the right side of the occiput; afterwards extending to the orbits and down into the nasal bones,[4].—***External Head.*** Desquamation of the skin of the scalp and face,[9].—**Numbness and crawling on the left side of the head, as in the whole left side, in the evening and next morning,*[2].—[200.] Violent burning on the scalp after slight scratching, with congestion and headache (seventh day),[9].—Great lightness and an unpleasant swimming sensation in the head (soon after second powder), followed by headache, which continued for two days; she said she never before knew what it was to have the headache; the pain was confined to the back of the head, and the sensation was "as if the hair were tied too tight,"[23].—Tension and then drawing pains in an old scar above the right ear, at night, as though it were painful, on sudden and sharp changes in the weather,[4].—Tearing in an old scar on the head,[4].—Scalp painful to touch,[1].—Painfulness of the whole left side of the head,[4].—A round painful spot in the centre of the head,[2].—**Painful sensitiveness in the left temple from the vertex down, and in the left half of the face, when touched, or on moving the muscles, as, for example, laughing, chewing, etc.; a sensation as if the skin had been burnt by great heat of the sun, which was not the case; lasting three days, gradually disappearing,*[4].—Violent itching on the scalp, as from ants,[9].—Violent itching on the scalp, and over the whole body,[6].

Eye.—Objective. [210.] With sharp pains, especially in the forenoon, in the temples, upper and lower jaws, and eyes, sticking as with knives

from the head towards the eyes, nose, and temples; the eyes became swollen, especially in the afternoon, with running of cold water from the left eye and nostril, and redness of the left eye; *the swelling gradually extended over the whole face, so that the eyes became closed;* the face was painful, itching much, as also the head and whole body; worse in the afternoon and evening, relieved at night,[1].†—Blue rings under the eyes, in the morning (in a healthy man),[1].—***Subjective.*** The eyes feel stiff,[3].—Feeling of dryness in the eye,[1].—Painful dryness of the eyes and sensitiveness to the light in the evening,[17].—Pain in both inner canthi,[1].—Violent pain in the right eye, in a person who had been blind more than ten years, though without pain,[6].—The eyes are painful on reading,[9].—Burning in eyes (after eighth dose),[12].—Painful burning in the eyes,[9].—[**220.**] Some aching burning of the eyes,[8].—The eyes seem to be thicker (swollen?) than usual, even to other people; they look as though one had been weeping, in the evening,[4].—Aching of the eyes, especially of the left,[8].—Aching and burning in the eyes,[8].—**A sticking drawing pain in the right eye extending up to the vertex,* in the afternoon, lasting several minutes,[17].—*Pressure in the eyes,* aggravated on moving them, as though the orbits were too small,[4].—Pressure in and above the eyes; also the skin of the forehead is painful externally to the touch,[4].—Pressure in the left eye, afterwards in the right,[8].—Pressure on the right eye and right side of the forehead, soon afterwards in the left temple; a similar pain on the right side of the face, as if in a tooth of the upper jaw, afterwards in the left leg and foot in the evening,[8].—Pressure on the left eye and on the right shoulder; immediately, in the morning,[8].—[**230.**] Pressure in the inner canthi, with nasal catarrh,[1a].—Stitches in the eyes; also hot burning stitches,[5].—**Stitches as from knives in the eyes, coming from the head,*[1].—Stitches as with knives from the head to the eyes, nose, and temples, with sharp pains, especially in the forenoon, in the temples, upper and lower jaws and eyes; swelling of the eyes and face, etc.,[1].—Sudden smarting of right eye, causing it to water, for a few minutes (after eleven hours and three-quarters),[27].—Feeling as though dust had got into the eyes,[3].—Itching in the eyes,[8].—Itching in the eyes, with pains in the limbs,[8].—Itching in and about the eyes, with heat in them, in the afternoon and evening; was obliged to rub them a great deal,[4].—Itching in the left eye,[8].—[**240.**] Violent itching in the left eye (after half an hour),[1]; with pressure in both eyes, and a dizziness that was almost a vertigo; disappearing after drinking coffee,[4].—***Brow and Orbit.*** **Pains near the eyes,*[9].—Pains near the right eye (second, fourth, and eighth days); above the right eye (fifth day); external to the left eye (seventh day); above the left eye (eleventh day); frequently with congestion of the head,[9].—Pains above the eyes after weeping,[1a].—Pressure about the eyes,[9].—Aching pressure about the eyes, on the right side, extending towards the occiput, or general, with heaviness, confusion, and congestion, especially on stooping (second to seventeenth day),[9].—Pressive pain in the right orbit, on moving the lids (fifth and sixth days),[13].—Tearing pains above the orbits,[7].—***Lids.*** Inflammation of the right upper lid, as if a stye would form, in the evening,[9].—Lids of both eyes inflamed, with burn-

† Therewith the usual headache (great heaviness, especially on the left side and forepart, with pressing-outward on stooping, worse during the heat, like sticking with knives) was much worse; the usual pain in the chest disappeared; she afterwards suffered from diarrhœa, with violent spasmodic colic, so that she could not stretch herself out, from evening till morning, and no more headache; after Bell. failed, Merc. viv. relieved.

ing pain, the right upper lid the most; the eyes are painful, especially when reading (second day); pressive pain about the right eye (third day); burning in the left eye (fourth day); itching pains in the lids (fifth day), which disappear, but return as a pressive pain in the eyes (fifteenth day); burning pressure (sixteenth day); drawing itching pain in the lids (seventeenth day); burning pressure in the eyes themselves (eighteenth day),[9].—[250.] Swelling like an incipient stye (that he had only seldom had) in the left lid like small pimples, but more prominent and not so deep in the skin,[9].—Inability to open the eyes, with heaviness in the forehead,[3].—Acute sticking pressure in the right upper lid, lasting about half an hour,[9].—Something shoots from the brow down into the lashes (third day),[5].—Sticking in the right lid from above down to the lashes (first day),[5].—Hot stitches shoot internally from the brows down to the lashes, first in the left, then in the right side (fourth day),[5].—Itching pains in the eyelids,[9].—Some burning-itching pains in the lids,[9].†—***Lachrymal Apparatus.*** *Eyes watery*, with nasal catarrh,[12].—Cold water runs from the left eye, also from the left nostril, with swelling of the face,[1].—[260.] Lachrymation of the eyes, going off with the nasal catarrh,[1].—***Ball.*** He frequently wipes the right eye, thinking there is something on the ball, with pressive pains in the right orbit,[13].—***Vision.*** The eyes become weak; at a distance he still sees well, but near very indistinctly, especially in the evening; on reading, flickering before the eyes and the letters become indistinct,[7].—Left eye weak and inflamed, so that he is unable to read with it,[7].—*(**Dimness of vision; much black flickering before the eyes, that seems very near;** *it frequently makes reading difficult;* after much reading),[2].—Dimness of the right eye by candlelight, as if dust were on the ball (fifth and sixth days); worse after a new dose,[13].—Slight dimness of both eyes, more of the right,[13].—A fog before the eyes, with vertigo; must wipe them,[1].—*A fog before the eyes; in the evening a bluish-gray ring, about six inches in diameter, around the light,*[6].—Vanishing of sight, with faintness,[1].—[270.] *Eyes sensitive to light,[17].—**Flickering before the eyes,* in fever,[5].—Flickering in the evening when reading, with weariness of the eyes,[7].—**Flickering and jerking in the right eye, with violent congestion to the head,* relieved by moving about in the open air,[12].—**Flickering before the eyes, as from threads, or rays of the sun,*[5].—**Flickering in peculiar angular zigzag figures, with congestion to the head and headache,*[7].—**A beautiful bright blue ring about the light, that was beautifully filled with fiery rays* (second day); fiery ring with fiery rays (third and fourth days),[6].

Ear.—External. The white cerumen is changed, and becomes like paste,[1].—A feeling of numbness in the concha with good hearing, and without roaring, and on pressing upon it it is also felt in the inner parts; afterwards followed by ordinarily painful pressure and heat,[2].—A cutting pain in the upper part of the left outer ear, not very perceptible except when touched, in the evening, most painful during the first night, lasting over eight days,[9].—[280.] Pain in a small spot when touched in the petrous bone behind the ear,[1].—Throbbing in the bones behind the ear,[5].—***Middle.*** Pains in the ears, with nasal catarrh,[1].—***Pains in the ears, with a sore throat,***[1].—In the evening, whilst walking, pain deep in the left ear, or between the ear and throat, which was made more severe while putting the temporal and masseter muscles on tension; this pain disappeared in a short time, and one appeared just above the left external malleolus, which in-

† After Phosphoric acid.

creased when the contiguous muscles were put upon the stretch in stepping; this pain lasted for some time (second day),[22].—Earache in right ear, relieved by external warmth, and by lying on right side; in the night,[26].—Earache associated with headache,[1].—Contractive pain deep within the left ear; on inserting the earspoon, it is painful as if swollen,[1].—Transient pressive pains in the right ear and in the limbs,[8].—(Sticking and pressure in the right ear),[1].—[290.] *Tearing extending from the zygoma into the ear,[1].—Itching in the ears,[1].—Stitchlike itching in the ears,[9].—Can tolerate no wind in the ear,[1].—***Hearing.** Extremely sensitive to noises; frightened,[2].—*Diminished hearing,[1].—Difficult hearing,[16].—It seems to be followed by difficult hearing,[7].—The hearing disappears during the catarrh,[1].—Cracking in front of the ears,[7].†—[300.] (Cracking in the ears at times, and poor hearing),[1].—Ringing in the ears, and some whizzing as from insects, and tearing,[5].—Roaring in the head, with the pains,[15].—Roaring in the left ear (first day),[5].—Roaring in the ears, usually associated with cold feet; very often,[2].—Roaring in the ears and dulness in the head with the fever,[5].—Beating roaring in the ears, with rush of blood to the head,[1].—Beating roaring in the morning after waking, in the right (hearing) ear, in very frequent attacks; it disappears after shaking the finger in the ear, but soon returns, especially in the evening (fifth day),[1a].—Singing in right ear, which afterwards felt as if closed (after about twelve hours),[27].—Thundering in both ears,[13].—[310.] Whirring (as from insects) in the back part of the head,[5].—* *Whizzing as from insects in the ears* (second day); it seems to extend back into the head (fifth day); continues (seventh day),[5].

Nose.—Objective. Margins of the nostrils red, sore, erysipelatous; with catarrh,[1].—After catarrh, the nose remains red and sore in the angles at the tip for a long time,[1].—(The mucous follicles in the outer skin of the nose become inflamed),[1].—The left nostril is internally somewhat swollen and painful; worse on repeating the dose; at last a scab on the painful spot,[3].—Sneezing and very violent catarrh (third day after third dose), lasting several days; at one time the nose was quite stopped, at another only one side, and then again open and fluent,[8].—Sneezing and fluent catarrh, late in the evening (second day), (second experiment),[1a].—Sneezing and fluent coryza, with head troubles,[15].—Sneezing without relief, with stopped catarrh and cough,[1].—[320.] Sneezing, together with mucus in the throat,[1].—Violent sneezing for about two minutes (after the third dose); frequently (immediately after the fourth dose),[4].—Thin water from the nose, in the morning,[1].—Cold water from the left nostril and eye, with swelling,[1].—Increased secretion of mucus in the nose and fauces, diminished in the larynx,[1].—Discharge of mucus from the nose when coughing,[2].—Nasal mucus (fifteenth day), preceded by mucus in the throat,[9].—Yellow mucus from the nose and throat, following stopped catarrh the day previous, preceded for a week by hoarseness and mucus in the throat,[9].—Nasal catarrh comes on in the afternoon and is fully developed by evening, with much sneezing,[1].—*Many symptoms end with nasal catarrh*,[1].—[330.] Nasal catarrh, with red sore margins of the nostrils and lachrymation, without coryza,[1].—Catarrh; on the preceding day fever and a condition like an influenza,[2].—*Catarrh and sticking headache,[1].—**Catarrh, with sticking headache; stiffness of the neck*,[1].—**Catarrh, with soreness of the nose*,[1].—Catarrh and cough, with easily loosened expectoration, with moderate heat of the head and hands, dim eyes, violent palpitation of the heart, together with

† Cured by Phosphorus.

rash over the whole body having the appearance of small spots without being elevated, as large as the point of a pin; sleep at night restless, with moderate perspiration,[7].—(Catarrh with cough and other symptoms; as frequently in the spring),[1].—Frequent attacks of catarrh, which, however, did not fully develop,[7].—Catarrh, which would not develop for a long time, at last came on fluent with sneezing,[18].†—Sudden fluent catarrh in the evening, with much crawling in the tip of the nose, lachrymation, and pressure in the inner canthi; of short duration (first day),[1a].—[340.] Very transient fluent catarrh (in one who had not had one for years), at first for only a few minutes in the morning, then in the evening lasting a long time, whereby all the headache, lachrymation, and stoppage of the ears disappeared, and he felt very free from trouble,[1].—A catarrh that had come on the same day was soon excessively violent (after the 30th); much sneezing, with dropping of water from the nose, margins of the nostrils and tip of the nose inflamed and rosy-red; next morning the catarrh disappeared, as if it had never existed; after the 30th it did not return, but five weeks later it came on, with fever, pain in the head, ears, and teeth, which latter he had never had before,[1].—Inability to have a real catarrh (yet has a constant or very frequent incomplete catarrh),[1].—The catarrh disappeared in the morning on waking,[4].—Stopped catarrh, commencing in the evening,[1].—Stopped catarrh and dryness of the nose,[12].—Stopped catarrh and cough,[1].—Stopped catarrh in both nostrils begins to be fluent,[18].—Catarrh; unusually great stoppage of the nose,[3].—Catarrh; dry in the evening, which next morning on waking had disappeared, with burning in the upper lip; in the night towards morning there was again some catarrh, which on waking disappeared,[4].—[350.] Bleeding of the nose (in a man of 45, for the first time in his life),[1].—*Bleeding of the nose;* thick dark-red blood,[3].—Blood and matter from the nose, with a plug in the trachea,[7].—A drop of blood from the nose,[1].—*Some drops of blood from the nose,*[1].—(A few drops of blood from the nose soon after taking, very unusual, in a leprous person),[1a].—A few drops of blood from the left nostril, after boring in with the finger,[1].—Blowing of blood and matter from the nose, in the afternoon,[1].—Blowing of blood from the nose, and bloody streaks in the mucus,[1].—Blowing of blood from the nose, in the morning, after the headache externally near the left eye (seventh day); with headache externally near the right eye; afterwards great congestion, in the afternoon and evening, especially when walking (eighth day); together with congestion (ninth day),[9].—[360.] Blowing of blood from the nose, with troubles in the trachea,[7].—Some drops of blood from the nose, on blowing it, in the evening,[4].—*Tickling nosebleed on blowing,* in very many cases, and in various diseases,[1].—***Subjective.*** Dryness in the nose,[12].—In the morning the nose is very much stopped (disappearing after blowing out membranous pieces, but afterwards returning violently); in the evening the stoppage was less,[1].—Tensive burrowing beneath the right nostril, followed by biting across under the nose (first day),[5].—Drawing sensation in the nose and frontal sinuses and beneath the whole skull,[2].—Drawing in the nasal bones,[1].—(At night, violent drawing pains in the nasal bones about the point of union of the cartilages; sticking on pressure; with stoppage of the nose and discharge of dry mucus and watery pus),[1].—Needle-like stitches in the nose (first day),[1a].‡—[370.] Tearing from the upper part of the right side of the fore-

† In the morning, from the 30th, taken the night before.
‡ In leprous patients.

head to the nose (seventh day),[5].—Soreness in the inner angle at the tip of the nose, after catarrh,[1].—A sore spot beneath the nose that bleeds very much,[18].—A spot just above the left wing of the nose painful to touch without anything being visible,[4].—(The nose is painful; there is a discharge of watery clots from it, sometimes a scab),[16].—Crawling in the tip of the nose, with nasal catarrh,[1a].—Itching in the nose, in the evening,[4].—Itching in the nose, on sitting down to eat,[1].—Itching in the nose, when eating (third and following days),[1a].

Face.—Objective. Expression of pain in the face, with coma (bite).—[380.] He has an extremely suffering look, face sunken, and as if he had been up nights, till the fourth week,[2].—Paleness of the face during the attack of exhaustion,[1].—Paleness of the face, with faintness, before eating,[1a].—Very bad color of the face and general discomfort,[7].—**Earthy, gray color of the face, with abdominal troubles*,[1].—Yellow color of the face during the fever,[1].—Swelling of the face, with much heat and redness,[6].—(Leprous swelling of the face aggravated),[1a].—*Erysipelatous swelling of the face; the right eye* is almost closed up (after six or seven days),[19].—Face swollen, generally puffy (bite).—[390.] (The face swollen, especially in spots and at the root of the nose; aggravation in a leprous person),[1a].—Blood rushes to the face and head with the cough,[7].—***Subjective.*** Burning pains in the face,[6].—Drawing in the bones of the face, during the febrile heat,[2].—Pressure in the side of the face, upper jaw, and head,[8].—Pain in the face, tearing above the orbit, with vomiting of food,[7].†—***Cheeks.*** Swelling of the cheeks and redness of the whole face; repeated after the second dose,[6].—(Bluish-red swelling on the cheek, with sticking and throbbing, with toothache; it breaks and discharges matter),[16].—**A feeling of stiffness in the malar bone coming from the cervical glands*,[5].—Drawing in the bones of the cheek and lower jaw,[2].—[400.] Pressive pain on the right malar bone, more towards the eye, also on the right knee towards the inner side (twelfth day),[9].—A feeling as though something were screwing and burrowing in the right zygoma, also in the flesh (fourth day),[5].—*Tearing in the zygoma extending into the ear (seventh day),[5].—***Lips.*** Swelling of the lips and gum,[6].—(Upper lip thick),[16].—Dry lips,[8].—Hot lips,[4].—Burning of the upper lip, with nasal catarrh,[4].—Burrowing beneath the left ear near the jaw and in the sterno-cleido-mastoid muscle, as in erysipelas, followed by the same sensation on the other side, in the evening (fourth day),[5].

Mouth.—Teeth. The destruction of a bad tooth goes on more rapidly than usual, but without pain (third week),[2].—[410.] He can easily crush a hollow tooth,[3].—Remarkable brittleness of a carious tooth; while eating large pieces break off,[3].—Breaking and crumbling of a hollow tooth,[14].—A piece breaks off from a hollow tooth,[1].—Every diseased tooth is felt, but not painful, with congestion to the head,[2].—*The teeth feel too long when biting them together,[1].—A partly broken, hollow, last back tooth seems too long, so that she cannot bite the jaws together; a boring in it extending into the jaw, especially after eating; the gum about it is swollen and painful as far as down into the throat; at last a discharge of pus from the tooth, when the pain ceased,[1].—Pain in the right upper teeth and in the left limbs; next day in the left lower teeth and in the limbs more of the right side,[8].—**Toothache extending through the jaw to the ear*,[7].—Toothache, with cold ear,[1].—[420.] Toothache with catarrh,[1].—Toothache with swollen cheek,[1].—Drawing in the teeth and in the bones of the face, during the

† In a girl at the age of puberty, who was pale, with loss of appetite.

febrile heat,[2].—Drawing in some of the teeth,[2].—Drawing in the second upper right back tooth, which was sound,[4].—Itching-drawing in some teeth of the left side,[2].—**Raging, jerking, tearing, dull sticking in the roots of the lower teeth,* often extending through the upper jaw to the ear, periodic, always after waking from sleep, soon after eating, also from warm and cold drinks,[7].—Transient stitches in the front teeth,[2].—Crawling in a tooth of the right upper jaw,[8].—***Gums.*** Gum bluish-red, swollen, and very painful,[6].—[430.] Gum and lips swollen,[6].—*Gums swollen and spongy,[29]. —The gum is swollen about a hollow back tooth, followed by discharge of pus,[1].—Gum of the lower incisors swollen (internally and externally, as if it would become loosened from the teeth; in the back teeth a feeling as though something were between them; there is even a piece of gum grown out and causing trouble); the whole gum bleeds when rubbing it,[1].—Swelling of the gum of the upper front teeth, with throbbing pain in it, in the evening; next day it was worse, with burning and throbbing,[6].—Violent painful swelling of the gum of the anterior lower incisors (third day); disappearing (fifth day),[6].—*Bleeding of the gum,[10].—Feeling as if the gum were swollen,[3].—The gum of the two left lower back teeth is painful,[4].—The gum is painful from warmth in the mouth,[4].—[440.] The gum is painful, with toothache,[6].—***Tongue.*** Numbness of tip of tongue and inside of lips,[25].—The left half of the tongue swollen, feeling as though it were the effects of Mercury; soon after rheumatic pains,[15].—Burning on the left side of the tongue (seventh day),[5].—Burning on the tongue from ordinary water, as a precursor of the hoarseness and rawness in the throat,[2].—(The tongue seems thicker in the forepart; with a disgusting taste in the mouth),[1]. —Fine constriction on the left side of the root of the tongue (fifth day),[5].—Sticking and tearing pressure on the tongue and palate, transient; with ulcerated fauces,[1].—Feeling as of pepper-dust on the tongue, with accumulation of saliva in the mouth, immediately,[10].—Prickling on the tongue, immediately,[1].—[450.] Very transient prickling feeling on the tongue, immediately,[4].—***General Mouth.*** **Aphthous and denuded spots in the skin and flesh of the mouth, preceded by burning pain and rawness* (third day); relieved (sixth day),[6].—*Dryness in the mouth and thirst (bite).—Dryness in the mouth and constriction,[8].—Feeling in the mouth as after Mercury,[15]. —Transient pain on the curtain of the palate, while yawning,[4].—Burning and throbbing pain in the mouth (second day after second dose),[6].—Burning and dryness on the palate, with thirst (after taking acids),[5].—Violent burning in the mouth and swelling of the lips and gum (third day),[6].—Violent burning pains in the mouth and face,[6].—[460.] A very peculiar scraping-burning feeling posteriorly on the palate, immediately on breathing the dust while triturating,[1a].—Pressure in the palate, as if it came from the stomach (fifth day),[5].—Tearing and sticking on the palate and tongue,[1]. —**Mouth very sore, parched, and dry,* the mucous membrane was cracked in various places and bleeding, *and the tongue somewhat swollen and covered with blisters on each side,*[23].—Rawness in the mouth and throat,[6].—***Saliva.*** *(Children spit much saliva, with sore throat),[7].—Salivation, while thinking about the sensation in throat,[1a].—Salivation, with biting on tongue,[10]; with burning in throat; with stretching,[3].—The mouth is watery, sometimes more, sometimes less, as if it came from the stomach (first and second days),[1a]. —Accumulation of water in the mouth,[1 4].—[470.] Water runs from the mouth during a violent cough,[1].—***Taste.*** (Taste sweet like sugar, instead of acid as formerly),[1].—Sweetish taste,[9].—Sweetish taste in the back part of the throat, and the same of the mucus (second to fourteenth days),[9].—

Unpleasant taste in the mouth, like meal or paste,[8].—Disgusting bad taste in the mouth (third day),[6].—Nauseous taste, with headache and nausea, with hawking of mucus,[1].—Nauseous taste in the mouth, as from stale fat, without having eaten any fat,[8].—Most dreadful taste in the mouth, quite intolerable, which makes her think of acrid poison, though she had never taken poison; somewhat coppery, makes the teeth dull, causes nausea, more in the forepart of the tongue, which there seems thicker, worse during eructations (in a hysterical woman),[1].—The powder of the 30th has a disgusting salty taste, like Glauber's salts (after fourth dose),[17].—[480.] Salty taste of the mucus hawked up,[1].—***Speech.*** Speech involuntarily stronger and more distinct than usual,[2].

Throat.—Objective. (Inflammation of the throat, for ten days),[1].† —Slight swelling of the throat, soon disappearing (later),[2].—Much mucus in the back part of the throat, then in the nose, mostly with a sweetish taste (second to fourteenth days),[9].—Tenacious mucus in the throat, that he could scarcely raise,[1].—Hawking of mucus more from the fauces, less from the larynx,[1].—Hawking of mucus only in the evening after tea, instead of in the morning, and so much that it seems as though an abscess had broken,[1].—*Hawking of mucus, with rawness in the throat, after a nap in the daytime,[2].—Hawking of mucus, and extremely disagreeable taste, almost like saltpetre,[1].—[490.] Hawking of mucus, with ecptysis, cough, and ulceration of the throat,[1].—Hawking of mucus, followed by disappearance of a painful lump in the pit of the throat,[2].—***Subjective.*** Dryness in the throat, without actual dryness on the tongue, with pain in the throat,[7].—Dryness in the throat, with thirst and nausea,[5].—*Dryness in the throat without thirst, at night on waking; *a sticking as with a thousand needles that threatens to suffocate her*,[1].—*Dryness in the throat that impedes swallowing,[1].—(Pain in the throat on turning it),[1].—Pain from the gum into the throat,[1].—A pain on the right side of the throat,[8].—Pain in the right side of the throat, always extending to the ear,[1].—[500.] **Pain in left side of the throat, extending to tongue, jaw, and into ear;* so violent in morning after breakfast, that he was beside himself; *therewith the tongue was sore on the left side, with sticking here and there;* the gum was inflamed, all the teeth painful; left side of the face and lower jaw swollen and sensitive to touch; pricking and sticking small spots in the thighs and legs; disagreeable taste; loss of appetite, and bad sleep,[1].—**Pain in a small spot in the throat at one side of the larynx; somewhat posteriorly* (after a few hours),[1a].—*Pains in the throat, in connection with those in the ears.[1].—*The throat and larynx are painful, even on bending the head backward,[1].—Burning in the throat,[6].—Burning in the left side of the throat and in the pit of the throat,[1].—**The throat feels swollen when swallowing*,[11]. —*The throat seems somewhat swollen, as if two lumps as large as the fists came together; only on empty swallowing, not on eating, which latter on account of this sensation seemed to do good,[1].—A feeling as if tendons were drawing the throat up to the palate, with pressure as after swallowing astringent pears (third day),[5].—[510.] Pressure in the throat, as though a plug were in it (after acids),[5].—Pressure in the throat as from something astringent,[5].—Slight pressure in the throat, at times,[4].—Hard pressure on both sides of the throat,[8].—Pressing feeling low down in the throat, which causes salivation if he thinks of it,[2].—**Sensation in the throat as if a morsel had remained sticking on swallowing*,[1].—*Feeling as if a crumb

† After olfaction of the 30th.

of bread remained sticking in the throat, *obliging her to swallow, somewhat relieved by hawking*,[14].—Soreness of the throat, and also somewhat in the pit of the throat,[1].—Soreness internally on both sides of the throat, in the morning,[1].—Slight sore throat on right side, in the evening (fifth and sixth days),[28].—[520.] *Such a sore and ulcerated throat that she could only with great difficulty swallow (tonsillitis),[29].—Three children complained in the evening of sore throat; they were feverish and spit very much; during the night they were restless, tossing about with groanings; the eyes were surrounded by brown rings,[7].—***Sensitiveness of the throat as if sore**, *as often after taking cold*, **with pain in the left side**, *worse in the evening*,[1].—The whole right side of the throat is in a very painful condition, and the slightest pressure with the finger increases the pain,[17].—Rawness in the throat and mouth,[6].—Rawness in the throat, without hawking of mucus,[6].—**Rawness in the throat and swelling, painful on swallowing, especially on drinking*,[11].—A feeling of great rawness in the throat after exerting it,[1].—**Everything seems raw in the throat*,[1].†—Everything seems raw in the throat, from the upper to the lower portions, on deep breathing,[1].—[530.] Throat raw as if sore; in the trachea by the sternum there seems to be an inflamed painful lump; this feeling disappeared after violent hawking of mucus,[2].—Throat rough, with hawking of mucus, after a nap in the daytime,[2].—Crawling in the throat in the morning causing nausea, afterwards prickling and sticking, and vomiting (in a pregnant woman),[1].—Bubbling in the throat, above the right clavicle, also in the right foot, near the great toe,[1].—Crawling in the throat at night, causing a short, incessant, hacking cough; during the day, the sore throat was still worse,[7].—Troubles in the throat and chest, worse after rising, lasting till noon,[1].—Troubles in the throat on alternate days,[1].—**Eating relieved the pain in the throat*, causing an agreeable tickling,[1].—***Pharynx.*** Pinching pain deep in the throat in a small spot, on the right side of the pharynx, not aggravated by swallowing, worse on pressure (after one hour); returning from time to time (first day), but worse in the evening, when it also affects the larynx,[18].—The throat feels closed, as though something were sticking in the pharynx; can scarcely swallow the saliva; after supper; lasting all night and next day; food and drink cause no difficulty, but the saliva can scarcely be swallowed,[8].—***Swallowing.*** [540.] Obliged to swallow, in affections of the larynx,[15].—Difficult swallowing at times,[8].—Difficult swallowing, with swollen larynx,[15].—Difficult swallowing of food and drink, as from a hindrance in the region of the cardiac orifice; small quantities only can get into the stomach after long intervals,[6].—**Difficulty of swallowing saliva, not of food*,[1].—Swallowing difficult; it seems as though something were in the throat that obliged swallowing (after ninth dose),[15].—***Liquids cause more difficulty in swallowing than solid food**,[11].—Swallowing prevented by dryness of the throat,[1].—**Constant pain on empty swallowing, not on swallowing food*, for a month,[18].—**The throat feels swollen always on swallowing*, for half an hour; afterwards again pain on swallowing,[13].—[550.] **Pressure in the throat on swallowing*, **as if a painful lump were in it**,[13].—Sticking always on swallowing; scraping on swallowing bread,[7].—**The throat feels ulcerated on swallowing*,[13].—***External Throat.*** Swelling of the right cervical muscles, painful when taken hold of (after fourth dose),[15].—Audible beating of the carotids, and a feeling of throbbing in the chest and abdomen,[14].—Pressure in the right side of the throat as from external pres-

† Alumina relieved.

sure,[8].—Pressure in the left cervical muscles, especially in the sterno-cleido-mastoid muscles, extending upward and around the head, like a headache,[5]. —(On feeling of the throat, an aneurism of the right carotid feels sore, and this sensation seems to extend from the throat to the pit of the stomach),[1].—***Can endure nothing tight on the throat**; *nausea is at times caused thereby* (eighth day, and lasting two weeks),[9].—**Pain in the throat on taking hold of it, extending even to the nape of the neck, with sticking always on swallowing, and scraping on swallowing bread, as if everything were raw, together with dryness of the throat, without actual dryness of the tongue,*[7].—[560.] ***The throat is very sensitive to external pressure** (*immediately and later, even for a month*),[1a].—***The throat and neck are so sensitive to the slightest external pressure that everything about the throat is distressing**; *no position is comfortable,*[1a].—**Pain when touching the throat, extending even to the nape of the neck,*[7].—***If in the evening on lying down anything touches the throat or larynx, it seems as though he would suffocate and the pain is much worse,*[1].—***Throat sensitive, even to the touch of the linen,** during the evening fever,[1a].—Throbbing in front, in the cervical glands, afterwards extending up into the malar bones, which feel stiff,[5].

Stomach.—Appetite. Increased appetite (first and second days),[1a]. —Great appetite, but after eating he was obliged to lie down (sixth day),[1a]. —**At one time good appetite, at another none at all,*[1].—**Hunger; cannot wait for food,*[14].—[570.] Feeling of great hunger in the stomach, as though one had to wait a long time for food,[14].—Feeling as when obliged to wait for food, without real hunger,[1].—Food is relished without real hunger; it was hastily swallowed,[2].—Longing for something, he knows not what; he took at last a swallow of water,[1].—**Unusual longing for oysters*, and they agree well; for several evenings,[3].—*Diminished appetite,[4].—Little appetite (first day), lasting a week,[1a].—She loses all appetite, especially for bread and rolls; the usual milk causes nausea; yet everything has a natural taste,[7].—All appetite in the morning has disappeared (seventh and following days),[1a]. —No appetite for breakfast,[7].—[580.] Without any appetite at the usual time in the evening, though a disagreeable sensation in the abdomen (first day),[1a].—The usual hunger in the morning fails, otherwise very well (fourth day),[1a].—Though he has a very good relish for food, yet he takes very little, without any symptoms, yet it seems as though he did not need more,[1].—A certain aversion to food, with hunger,[2].—Longing for neither food, wine nor tobacco, for a week; he was accustomed to wine and tobacco daily,[1].—Remarkably little desire for smoking (immediately), (first day),[1a]. —No relish for smoking,[4].—All inclination to smoke has disappeared, in a great smoker, though without any aversion to it; for a week,[1a].—***Thirst.*** Thirst before the fever,[1 3].—Thirst before the chill,[1].—[590.] Thirst during the cold stage,[1a 5 6].—Thirst during the heat,[1].—**Constant thirst with dry tongue and skin* (bite).—(Some thirst constantly, but drinking water causes nausea),[1].—Insatiable thirst, with dry mouth and weakness,[1].—Thirst for beer, with complete loss of appetite, in the evening (first day),[1a].—Longing for wine, without feeling exhaustion,[2].—Increased desire for wine (but the wine produced less effect than usual, in one accustomed to it), (first week),[1a]. —***Eructation.*** *Eructations amounting to vomiting* (several).—Eructations after eating,[1].—[600.] Eructations and risings of food after eating,[1]. —Eructations after dinner,[1].—Such eructations after dinner that he almost suffocated, they occurred as often as fifty times, followed by great relief,[1]. —Eructations during the fever, in an infant,[1].—**Eructations, affording re-*

lief,[1].—Empty eructations, fasting (after five hours),[14].—Eructations of air,[4]; (soon),[3].—Frequent eructations of sour water, an hour after dinner,[12].—Burning eructations of dry air,[5].—Morbus ructuosus; violent eructations, with cramp in the stomach, every evening,[7].—[610.] The stomach almost always digests well, but meat fried in butter causes acid and bitter risings,[2, 12].—***Heartburn.*** A feeling as though heartburn would occur (after a few minutes),[4].—Heartburn, in the evening after smoking,[1a].—Heartburn with headache,[1].—***Nausea and Vomiting.*** Nausea, in the morning,[1]. —*Nausea, in the forenoon, lasting an hour, without appetite,[1].—Nausea, by paroxysms, for five or ten minutes, in the forenoon and afternoon,[1].—Nausea caused by an exceedingly disagreeable taste in the mouth,[1].—Nausea, and an unpleasant feeling as if poisoned, the whole afternoon,[8].—Nausea at night on waking, with vomiting and diarrhœa,[9].—[620.] Nausea wakes him from sleep,[16].—The nausea becomes worse while thinking of it,[10]. —Nausea after dinner,[1].—Nausea an hour after dinner, and in the afternoon,[10].—Nausea on swallowing,[1].—Nausea after taking milk,[7].—*(Nausea after drinking water),[1].—Smoking always causes nausea, for sixteen days (in one accustomed to it),[9].—Nausea with nasal catarrh and cough, accompanying complaints that occur in the spring,[1].—Nausea with eructations,[1a]. —[630.] Nausea with vomiting and thirst,[6].—Nausea and pain in the stomach,[7].—Nausea with pain in the pit of the stomach,[1a].—Nausea with faintness,[1].—He woke at 2 A.M. with general nausea and oppression of the chest, pressure in the stomach, and, after an hour, violent vomiting, followed by some colic; afterwards, again, violent spasmodic vomiting; at last, vomiting of bile, with transient vertigo, accompanied by profuse sweat; about 6 o'clock, diarrhœa and four stools, till 9 o'clock; together with burning in the urethra on urinating; followed on the fifth day by general weakness and pressive headache,[9].—Nausea at times almost amounting to vomiting, with a kind of aversion to food, and with headache (better in open air?), for several days,[10].—Sudden nausea, hiccough, gulping and eructations, at last so severe as even to amount to vomiting of air; this increased to an excessive degree, and lasted for half an hour, then relieved, after drinking tea, in the afternoon (fourth day),[1a].—The nausea is very peculiar, as if it were in a single place in the stomach, extremely disagreeable, immediately caused by looking at sugar of milk, even at a globule, and even by the thought of it,[10].—Qualmishness caused by anything tight about the throat,[9]. —Qualmishness and aching in the abdomen and epigastric region, as if he would be faint, a few minutes after the fourth dose; *he was obliged to loosen his clothes*,[17].—[640.] Qualmishness, with a feeling as if he were very sick; *he was wakened thereby from a sound sleep; lasting several minutes* (fourth day),[16].—Retching and vomiting, with cramps in the stomach, every evening,[7].—Inclination to vomit, with risings in the œsophagus, but only mucus is expectorated from the mouth; with dyspnœa,[7].—Constant inclination to vomit, with anxiety and oppression of the chest (bite).—Vomiting,[7].—Vomiting at night by paroxysms, violently spasmodic, with diarrhœa,[9].—Vomiting and retching, whereby only mucus is evacuated, with cramp in the stomach,[7].—Vomiting and purging while unconscious (bite). —Vomiting of food,[7].—Forcible vomiting of all the food, with pain in the head and abdomen,[7].—[650.] Spasmodic bilious vomiting,[9].—Vomiting of blood,[7].—***Stomach.*** Feeling of emptiness in the stomach, in the afternoon, and hunger, though he had eaten well at dinner,[9].—A peculiar feeling of emptiness in the stomach, at night, although he had eaten a good supper,[9].—A feeling of impediment in the cardiac orifice of the stomach

on swallowing,[6].—A feeling in the stomach as if obliged to wait a long time for food,[1].—Alternations of coldness and heat in the stomach, with want of breath,[7].—Much pain in the pit of the stomach, constant nausea, with qualmishness and diarrhœa,[7].—Burning in the stomach and hepatic region; stomach distended, with itching in the epigastric region; the abdomen distended hard, as from eating much; while walking, was obliged to stand still; a feeling as though a stone were in the upper abdomen and in the pit of the stomach, which pressed downward as if it would break away, so that he was obliged to step carefully; the feet became swollen while sitting, and were cold, though burning; therewith, offensive odor from the mouth, which he did not notice himself,[1].—Burrowing as from a worm in the stomach,[5].—[**660.**] A sensation as though something were drawn up into a ball in the stomach and intestines, almost every day,[5].—She was attacked with the most frightful cramps and pains in the stomach, every evening at 6 o'clock, with violent eructations, retching, and vomiting, though only some mucus was raised; also at other times nausea, with coated tongue, and pain in the stomach,[7].—Pressure in the epigastric region, extending towards the heart,[5].—Pressure in the pit of the stomach, in the morning (fourth day),[5].—Pressure in the stomach, at night and in the morning, so that he was obliged to rise up and at last stand up; relieved by profuse emission of flatus; three nights in succession,[4].—Pressure as of a great load in the stomach after eating, relieved by eructations and emission of flatus, but the pressure continues,[1].†—Pressure in the pit of the stomach while lying down, but especially on moving,[5].—Pressure in the stomach, with nightly attacks of vomiting,[9].—Pressure in the pit of the stomach (after one hour), associated with a drawing pressive sensation downward into the abdomen towards the umbilicus, painful to touch, lasting about four hours, with a feeling of warmth in the chest,[9].—(Pressure in stomach coming from chest (œsophagus); a feeling as though a morsel of food remained sticking there; this sensation extended in the afternoon to stomach, causing a pressure, so that he lay down and felt really better; in evening in bed, he was unable to sleep; at one time it extended up to the right side across the chest to the shoulders, and afterwards extended towards the navel, with a burning sensation; in the morning, a sensation in the abdomen as if he would be attacked with a violent diarrhœa, but it disappeared; in the evening, a violent cough with a horribly tasting expectoration; next morning, again, the sensation about the umbilicus),[11].‡—[**670.**] Pressure in the stomach, more or less severe, extending from the pit of the stomach into the chest, as if one would be taken with colic, or as from incarceration of flatus,[7].—Painful pressure in the stomach; immediately afterwards, a clawing in the anus, extending inward,[2].—*Violent pressure in the stomach after eating, with a feeling of weakness in the knees*,[3].—**Stitching extending from the stomach to the chest*,[5].—(Sensitiveness in the pit of the stomach, and a feeling as if something were turning about in it, with heart troubles),[1].—Pain in the pit of the stomach when pressing upon it, for over a week, with diminished appetite,[1a].—Pain slight, but very disagreeable, when pressing upon the pit of the stomach,[1].—**Feeling as though something were gnawing in the stomach, though without pain; followed by gnawing in both sides, extending across under the ribs deep in the abdomen* (third day),[5].—Throbbing in the pit of the stomach,[1].—A jumping throb-

† Relieved by Mercurius.
‡ Following the cure of an ugly boil on the finger.

bing in the pit of the stomach, and extending up under the ribs, followed by a sensation as though something pressed from the pit of the stomach towards the heart (third day),[5].

Abdomen.—Hypochondria. [680.] Pains in the hepatic region,[3].—Violent pain in the region of the spleen, while riding in a wagon, obliging him to stretch out straight, which afforded a little relief; lasting two days, but only while so riding,[6].—Acute pain in the abdomen, as if on the short ribs; worse on inspiration,[8].—Sticking in the sides beneath the ribs (second day),[5].—Stitches in the left hypochondrium,[4].—Transient stitches in the hypochondria, from the right to the left side,[4].—Painfulness in the left side, near the pit of the stomach, in the spring of the year,[1].—Gnawing on both sides, beneath the ribs, deep in the abdomen,[5].—Clothes around the hypochondria are very annoying,[1].—***Umbilical and Sides.*** Pain in the abdomen, in the umbilical region, as from diarrhœa, all day,[17].—[690.] Pain transversely across the umbilical region, in the morning, immediately after rising,[10].—(Burning sensation about the umbilicus, follows pressure in the stomach and shoulder),[11].—A peculiar feeling in the left side of the abdomen, like a violent tension,[8].—Tensive pressure beneath the pit of the stomach extending towards the umbilicus, in the afternoon, lasting an hour and a half,[9].—Drawing pressure to the umbilicus from the pit of the stomach,[9].—Agonizing *cutting* pain in *right side of abdomen*, throwing her into *fainting attacks* (after three days),[21].—Sticking from within outward, in the left side of the abdomen, in the evening,[10].—Stitches in the left side extending into the chest, so that breathing was very difficult,[6].—**Tearing in the right side of the abdomen* (seventh day),[5].—***General Abdomen.*** Distension, tearing in the abdomen for four hours,[6].—[700.] Distension and tearing in the abdomen, with chilliness,[6].—Painful *distension of the abdomen* (after three days),[21].—**Abdomen distended, hard,*[1].—Abdomen distended, as if the internal parts were greatly dilated,[7].—*Abdomen frequently much distended, with a disagreeable sensation as if the inner parts or ligaments from the stomach were very much stretched; *on this account she was obliged to wear the clothes, especially about the stomach, very loose, otherwise it was very distressing, and even in bed she was obliged to loosen and pull up the night-dress to avoid pressure; she dared not lay the arm across the abdomen on account of the pressure,*[7].—Rumbling and gurgling in the abdomen,[14].—Rumbling in the abdomen, colic and emission of flatus, in the evening,[1].—Much rumbling in the abdomen, colic and emission of flatus, after eating, in the evening,[1].—Flatulence the first fourteen days, not afterwards,[2].—Much flatulence,[3].—[710.] Very much flatulence,[1].—Much flatus with loud noise, therewith the anus seemed closed, so that she was obliged to press it out,[1].—In the morning large quantities of loud flatus; through the day frequent small quantities (fourth and following days),[1a].—Short violent emissions of offensive flatus,[1].†—(Feeling in the abdomen as if about to be attacked with violent diarrhœa),[11].—(Feeling as for diarrhœa in the morning),[11].—*Feeling of emptiness in the abdomen,*[14].—An eviscerated feeling in the abdomen,[1].—A fasting sensation, as if hollow, in the abdomen (first day),[1a].—An unpleasant sensation in the abdomen at mealtime, without appetite,[1a].—[720.] Pain in the abdomen coming from the small of the back,[2].—Pain in the abdomen in the afternoon,[1].—Pains in the abdomen after the vomiting at night,[9].—Intolerable pains in the abdomen with burning and distension,[6].—Abdomen hot,[1a].—Burning and cutting in the abdomen,

† After venison.

with pressure to urinate,[1].—Fulness in the abdomen, especially during the first fourteen days,[2].—Fulness in the abdomen, in the morning on waking,[2].—Fulness in the abdomen after eating,[1].—Abdomen feels swollen at night,[1a].—[730.] Tension and flatulence in the abdomen (first day),[7].—A certain tension and flatulence in the abdomen prevents her from walking far,[7].—A feeling *as of incarcerated flatus* (after two doses),[20]; (after three days),[21].—Contraction in the abdomen,[1].—Violent cramps in the abdomen during menstruation; it seems as though a knife were thrust through the abdomen,[7].—Violent cramplike pains in the abdomen do not permit her to stretch out; with diarrhœa,[1].—Griping pains in abdomen, first left, then right, for a few seconds, also in loins; worse on walking; the pain then came on in lower abdomen and loins, being sometimes of a shooting character, with occasional slight desire for stool; relieved by emission of flatus, and once with borborygmi; lasting forty-five minutes, till a stool was passed (after about eight hours, second day),[27].—Excessive *griping, as though about to have diarrhœa* (after two doses),[20].—Cutting colic previous to menstruation,[7].—Cutting colic with a burning stool,[1].—[740.] Cutting and burning colic, with pressure on the bladder,[1].—It seemed as though a knife were thrust through the abdomen, during menstruation,[7].—Stitches low down in the forepart of the abdomen, following a disease of the eye and congestion of the head that had been cured,[11].†—Tearing from both sides of the abdomen towards the middle, deeply seated (third day),[5].—Tearing in the abdomen and distension; with the chill,[6].—Colic with vomiting of all the food,[7].—Attacks of colic after confinement, with return of other previous symptoms,[7].—Intolerable *colic* (after two doses),[20].—Pain in the intestines caused by the shock of the cough,[7].—***Hypogastrium and Iliac Regions.*** Flatulence in a hernia,[1].—[750.] Feeling as if a hernia would protrude,[9].—**Drawing from the anus to the umbilicus*,[2].—Painful hæmorrhoidal drawing from the anus to the umbilicus,[2].—Pressive pain in left lower abdomen for a few seconds; it then ceased for a few seconds, then returned as before (after eight hours and a quarter, second day),[27].—Sticking in both groins during the cough,[1].—A stitch near the right ilium extending internally through the abdomen and chest into the left shoulder; the same also on the other side, from the left below to the right above (sixth day),[5].—Gnawing pain in the lower portion of the left inguinal region, near the bone; disappears and returns through the whole day (second day),[5].

Rectum and Anus.—Objective. *Protrusion of the rectum after a stool*,[1].—Protrusion of the rectum, which is thick and proportionately swollen, without great pains; after it is with difficulty reduced, the anus is spasmodically contracted,[1].—Determination of blood to the anus with hæmorrhoids; diarrhœa-like stool and increased itching in the anus,[1].—[760.] Great straining, in the diarrhœa,[1a].—*Burning discharge* from the anus four times a day, preceded by cutting colic and urging to stool,[1].—Discharge of blood from the anus,[7].—He constantly feels the flatus at the anus, though he presses out only small short emissions from time to time,[1].—***Subjective.*** Hæmorrhoidal troubles (after eighth dose),[12].—Pains in the anus with a hard stool,[17].—Transient pains in the rectum preceding the evening diarrhœa, for a week,[1a].—**Burning in the anus during a stool, also after the stool*,[1].—**Burning in the anus, with watery stools*,[13].—**The anus feels closed*,[1a].—[770.] Painful constriction of the anus,[2].—**Painful constriction of the anus, following prolapsus of the rectum*,[1].—Cramplike pains in the anus, pre-

† Relieved by Mercurius.

ceding a natural stool,[1].—Spasmodic pains in the anus and rectum internally, followed by a natural stool,[1].—**Spasmodic pains in the anus internally, a short time before and after the stool* (sixth day),[1a].—Drawing in the anus extending up into the chest, and even into the head, with fever,[5].—Painful transient drawings, now in one, now the other side of the anus,[2].—Pressure in the anus, both painful and painless,[2].—Pressure in the anus as for stool, followed by a somewhat soft stool (after vinegar),[5].—General painfulness of the anus; on coughing a pain as if it would be torn,[2].—[780.] Throbbing in the anus and small of the back,[5].—***Beating in the anus, as with little hammers,**[1a].—Jerkings in the anus in quick succession,[4].—Long-continuing biting and burning, after the usual stool (thirteenth day),[1a].—Clawing in the anus, alternating with oppression of the chest,[2].—Great itching in the anus, in the morning,[10].—The pains in the anus, and also the pressure, extend from without inward,[2].—Urging to stool with the fever,[1].—Apparent necessity for stool, without result; during the first period,[2].

Stool.—Diarrhœa. **Diarrhœa every evening for a week, preceded by transient pain in the rectum,* **followed by throbbing as with a little hammer in the anus,**[1a].—[790.] Diarrhœa after the vomiting at night,[9].—Diarrhœa, with violent spasmodic cramplike colic, so that she cannot straighten herself,[1].—Natural evacuation, followed again by diarrhœa,[7].—*Sudden diarrhœa, with great urging, about midnight, thin, pasty, *excessively offensive*, ammoniacal (first day),[1a].—Pasty diarrhœa in the morning (second day),[1a].—Acids, even fruit, after Lachesis, easily cause diarrhœa,[1].—Diarrhœa-like stools five or six times daily,[7].—Diarrhœa-like stool, with hæmorrhoidal troubles,[1].—Stools more frequent than usual (in one inclined to constipation),[1].—Frequent stools during the heat (in a nursing infant),[1].—[800.] **Three watery stools, with burning in the anus, in the evening* (second day),[13].—Two stools in the morning; after the stools, weakness, with continued desire for another stool, without result (first day),[3].—Copious evacuation of the bowels (eleventh and twelfth days),[1a].—Moderately copious, strong-smelling, otherwise natural stool, followed by soreness of the anus for a short time (after eight hours and forty minutes, second day),[27].—Soft stools the whole time,[5].—*Soft stools of a bright yellow color (sixth day),[14].—A soft but consistent stool (third day),[14].—Stool soft, pasty, never slimy,[2].—Pasty stool every forenoon,[1].—Pasty, satisfactory stool, followed by congestion to the head and vertigo (third day),[1a].—[810.] Stool pasty, every day somewhat later, so that, occurring in the morning, it after awhile occurred in the evening, and then again in the morning, and so on (fifth and following days for a week), (second proving),[1a].—Thin stool in the morning (after a few days),[10].—No stool, only a somewhat thin watery evacuation (second day),[1].—Some mucus, so acrid that it is painfully discharged from the rectum, with voluntary pressure,[1].—Nodular stools first on the twenty-fifth day (previously soft); this is a five days' alternation from a soft stool, followed again by a soft stool,[2].†—Scanty, smooth, clay-like stool (next morning),[1a].—Stool bright yellow,[14].—Intolerable odor to the stool, which as usual was somewhat hard; the odor was scarcely endurable, like assafœtida, but much worse (like putrefying snakes),[1].—Blood is discharged while pressing after a very copious evacuation (eleventh and twelfth days),[1a].—***Constipation.*** Constipation (after eighth dose),[12].—[820.] The first dose caused constipation, the second an evacuation,[1].‡—

† Perhaps from buttermilk.

‡ Occurring in very many cases when given in various diseases.

Stool delayed every day,[1].—Stool delayed from morning till evening; after pressing there was only a scanty, unsatisfactory evacuation (first day),[1a].—The stool constantly lies close to the anus, but only flatus passes (third day),[1a].—*The stool lies in the rectum, as far down as the anus, without being passed, and without urging (third day),[14].—Scanty, pasty stool in the morning, then omitting one day,[1].—No stool (first day); delayed, occurring only after smoking, *scanty and pasty* (second day),[1a].—No stool for several days, with a very good appetite, on account of which the abdomen became hard and distended,[1].—*No stool for three days,*[17]; *immediately,*[1].—Urging to stool at times without result, after three days' omission of the stool, followed at last by scanty soft stool with great pressure, with pains as if the sphincter would be forcibly pressed asunder,[17].—[**830.**] Neither stool nor urine for seven days (secondary effect of the bite).

Urinary Organs.—Bladder. A peculiar, not very painful, but very unpleasant sensation in the bladder, associated with a real desire to urinate, with slimy sediment to the urine,[7].—*Pressure upon the bladder,* with burning and cutting in the abdomen,[1].—Pressure in the bladder and penis, with frequent need to urinate,[3].—Pressure upon the bladder to urinate at noon; the same repeated the next day in the evening, with emission of some semen (or prostatic fluid), which looked milky,[9].—Constant pressure in the region of the bladder and in the urethra,[3].—***Urethra.*** A milky-white gleet returns after micturition,[1].—Burning in the urethra while urinating,[9].—Burning in the urethra while urinating succeeds the night attack of vomiting and diarrhœa,[9].—Burning urine, with a hard stool (later action),[2].—[**840.**] Pressure in the urethra,[3].—Cutting in the urethra,[9].—*Constant sticking-cutting in the forepart of the urethra,*[3].—Sticking in the urethra,[3].—Sticking pains shoot from place to place, from the small of the back to the liver (perhaps also to the kidneys), and thence downward to the urethra,[3].—Stitches extending from the hepatic region to the urethra,[3].—*A sore pain in the urethra, in the forepart of the penis,* in three persons,[3].—***Micturition.*** Frequent desire to urinate, without much discharge; drawing pains in the small of the back, which extend to the hips (after the seventh dose),[12].—Great desire to urinate at night, slight cutting in the urethra, and pressive sensation in the testicles from above downward, as if a hernia would protrude, lasting four days,[9].—*Urging to urinate, but inability to do so,* except at long intervals (after three days),[21].—[**850.**] Frequent and increased urging and micturition; urine dark and frothy (third day); afterwards the same, only the urine was lighter colored,[1a].—*Frequent micturition,[14].—Much and frequent micturition, urine frothy,[1].—Had to rise twice to urinate, though I had not taken as much liquid as usual in the day (first night),[27].—Dribbling micturition; a few minutes after he was again obliged to pass a small quantity, with much pressure; for a week,[1a].—Old urinary troubles return while riding in a wagon (after drinking wine),[10].†—***Urine.*** Urine dark yellow, of the color of a new copper coin, staining the linen yellow and depositing a cloudy sediment; for several weeks,[10].—Urine of a strong odor; with perspiration in the axillæ,[4].—Red sediment in the urine; it is never burning and never very turbid,[2].—A few days before and after the menses, a dirty mucus passed with the urine; at first the urine was clear, but after standing awhile it deposited a thick sediment like a beaten egg, together with a peculiar sensation in the blad-

† These disappear immediately after Nux, taken while riding.

der, not exactly painful, but very disagreeable, and associated with a certain desire to urinate,[7].

Sexual Organs.—Male. [860.] Erections in the morning while half asleep,[1].†—Unusual erections during the day,[1].—Very strong erections in the morning,[1].—Very strong erections in the forenoon (second day),[1a].—Very strong erections after the midday nap and towards evening,[1].—Very strong erections at night,[1].—Some jerkings in the penis,[4].—Red spots on the glans penis; the margin is congested in two places,[2].—A red pimple, with itching, beneath the margin of the glans penis (fourth day),[2].—Profuse secretion beneath the prepuce,[2].—[870.] Pressive pain in the right side of the scrotum, in the morning, lasting about two hours and a half (seventh day),[9].—The testicles seem quite hard, with relaxed scrotum,[4].—Pressing-dragging upon the testicles, not violent, lasting two hours in the evening,[9].—A pressive sensation from above upon the testicles, as if a hernia would protrude,[9].—Increased irritability of the sexual desire,[4].—Increased sexual excitement; this lasted several days (after four days),[22].—Very much increased sexual desire, without amorousness; when controlled, it caused great inclination for mental labor (second week),[1a].—Great sexual desire and amorousness (first day), (second proving),[1a].—Amorous in the morning, with relaxed penis,[1].—Amorousness in the morning after waking, with pains in the loins and a bruised feeling,[1a].—[880.] Amorousness in the morning on waking, with pain in the loins and great prostration (sixth day),[1a].—Amorousness after the midday nap (fourth day),[1a].—Frequent transient amorous thoughts, without the slightest physical excitement,[2].—Very many voluptuous thoughts during the day,[17].—For several nights in succession either very lascivious, voluptuous, or very quarrelsome dreams, and during the day many voluptuous thoughts (so that the words of Mephistopheles might be applied to him: "With this draught in thy stomach, thou seest a Helen in every woman"),[17].—Want of sexual desire for several weeks,[10].—Want of sexual desire and inability for coition, or very late emission of semen; erections too feeble; for several weeks,[1].—Emission at night, without dreams,[9].—Emission at night (very unusual), with extraordinary voluptuousness,[1a].—Emission at night, followed by complete waking, and a comfortable feeling (sixth day),[2].—[890.] Unconscious emission at night (in a married man),[3].—Emissions two nights in succession,[17].—Emissions three evenings in succession, which never happened before, followed by decided weakness and even headache,[7].—Emission at night (fourth, fifth, and sixth days), with vivid and somewhat disagreeable dreams, but without any unnatural admixture of imagery, with complete waking, and weakness following only after a few hours,[2].—Emissions several times at night,[7].—Emissions several times at night, and profuse sweat,[7].—Emission during the midday nap,[1].—Difficult emission of semen,[1].—The semen possesses a penetrating odor,[1].—***Female.*** Tickling-itching extending from the thighs into the genitals, which become swollen, with a voluptuous sensation, sexual desire, and tickling; then a cramplike contraction in the uterus, extending into the right side of the abdomen, thence into the breast (in a circular direction), with heat and apprehensiveness; together with these sensations, there is a tickling in the anus, which extends into the region of the kidneys, and thence up to between the shoulders, as if between the skin and flesh,[5].‡

† In one who had had none for a long time.

‡ She had a similar sensation several years before, which now reappeared after taking Lachesis.

—[900.] Menses recurred after three weeks (they usually returned every twenty-eight days),[7].—(*Frequently useful in too scanty menstruation*),[1].†—*(**Frequently useful at the climacteric period**),[1].

Respiratory Organs.—Larynx and Trachea.—The larynx affected (after fourth dose),[12].—**Larynx swollen, sore, raw, scraping, somewhat also on pressing upon it; at the same time is obliged to swallow* (after ninth dose); the same on the following day, rather increased,[15].—Diminished secretion of mucus in the larynx,[1].—Secretion of mucus in the larynx is diminished, while in the nose and fauces it is increased (second and following days),[1a].—It seems as though something should be hawked up which cannot be loosened,[1].—The larynx feels obstructed by a foreign substance,[4].—A feeling as though a plug were fixed in the larynx, which moved up and down, with a short cough; is unable to lie down; blows bloody and purulent matter from the nose,[7].—[910.] Pain extending from the pit of the throat to the root of the tongue and hyoid bone,[1].—The larynx seems tensively swollen, and swallowing is difficult (four hours after sixth dose),[15].—(A peculiar spasmodic sensation extended once from the larynx downward),[1].—Pressure in the larynx,[4].—***Larynx painful to touch** (first day),[1a].—***Larynx and the whole throat painful to touch**,[1].—**The larynx and throat were painful on bending the head backward*,[1].—A disagreeable, dry, scraping feeling at the epiglottis and vicinity (first to fourth days),[6].—After the midday nap, the trachea seems narrowed; no mucus can be loosened as usual (first day),[1a].—Stitch through the trachea, irritation to cough and dry cough,[13].—[920.] **Pain in the pit of the throat extending to the root of the tongue and into the hyoid bone, and to the left tragus, behind which it shoots out; painful to touch*,[1].—***A feeling as if something were swollen in the pit of the throat and would suffocate him; it cannot be swallowed; with soreness in the throat**,[1].—Twisting or turning about in the pit of the throat (fourth, fifth, and sixth days),[5].—A turning about in the pit of the throat, all day,[5].—***Voice.*** Hoarseness, with burning in the throat,[6].—Hoarseness and a rough throat, preceded by burning on the tongue,[2].—**Hoarseness with cough*,[8].—Some hoarseness for several days,[15].—**Increased hoarseness while speaking; the voice will not come because something in the larynx prevents it, which cannot be hawked loose, though mucus is brought up;* lasting a long time, from the fifth day on,[1a].—**Constant hoarseness* (from second to fourteenth days), with much mucus in the back of the throat and a sweetish taste; on the fifteenth day some mucus is loosened, and a discharge from the nose takes place, especially in the morning; on the sixteenth day in the morning almost a stopped catarrh; afterwards whitish yellow mucus in the nose and throat,[9].—[930.] **Something hinders speech; he is hoarse; must hawk constantly*,[1].—***Cough and Expectoration.*** *Cough in the evening*,[1 8 11 12].—(Cough while drinking, or after drinking),[1].—Cough during sleep,[1].—**Cough during sleep, of which the patient knows nothing*,[1].—***Cough worse after every sleep**,[1].—**Cough seems to be excited by increased secretion of fluid in the larynx*,[11].—***Cough caused by pressure on the larynx**,[1].—If the lungs are irritated in any manner (as for example, by tobacco smoke), a violent irritation frequently causes uninterrupted cough for a minute, so that the chest is most violently racked, and all the blood driven to the head and face,[7].—Alternations of headache, hoarseness, and tickling in the throat, in the evening on lying down, and violent cough; together with frequent pains in the limbs and other parts,[8].—[940.]

† Especially when Sepia has had little effect, though seeming to be indicated.

Short, hacking cough,[1].—Incessant short, hacking cough, at night, caused by crawling in the throat,[7].—* *Violent, short, hacking cough constantly caused by crawling in the ulcer in the throat*,[1].—(An old suspicious cough was very much lessened during the day, but in the morning, at the moment of rising, and for half an hour afterwards it was so violent that the shock frequently caused pain in the intestines and vomiting),[7].—**Dry cough*,[1].—Dry cough in the evening, and always with the first cough a stitch through the air-passages,[12].—Violent, dry cough in the evening, with pain in trachea and horrible taste to the expectoration, as after eating salt fish,[11].—***Dry, hacking cough caused by touching the throat; also occurring in the morning after sleep at night**, *and from smoking*, with a stopped catarrh, with blowing of the nose and sneezing, without relief,[1].—*(*The child coughs in the evening on lying down, afterwards during sleep, sometimes awakened thereby;* cough without expectoration sometimes causing vomiting),[1].—Troubled every evening, from about 9 o'clock, with a little, fluttering, nervous cough, apparently excited by a tickling in the larynx, unattended by pain, expectoration, or any symptom of a cold; it came on at no other time, and ceased on her going to sleep (after two or three powders); the Lachesis was discontinued and the annoyance disappeared,[24].—[**950.**] *Tickling cough;* the tickling is at one time in the larynx, at another in the chest, at another apparently in the cardiac orifice of the stomach; the mucus is at one time round and gray, at another tenacious and yellow, at another watery, almost never at night; always associated with secretion of mucus from the nose; cannot get rid of it for three weeks,[2].—**Every contact with the open air causes a violent tickling cough accompanied by expectoration of mucus;* it lasts from five minutes to an hour (later action),[2].—Short hacking cough, very fatiguing, frequently causing vomiting, expectoration scanty and difficult to raise, mingled with harder, heavier lumps of mucus; together with pain in the pit of the stomach, so that she must hold it; cough only during the day, worse after every sleep, and after walking, especially after talking, as though thereby the throat became dry (also worse after eating fish, and in damp weather),[1].†—*Difficult expectoration became loose*,[1].—(Habitual expectoration of tenacious gray mucus disappears during the fever),[2].—(Some lumps of gray mucus are raised from the throat on coughing and also on sneezing),[1].—*Spitting of blood,[7].—***Respiration.*** Loud rattling by single paroxysms, at night in sleep,[1].—A kind of rattling seemed to be low down in the larynx at night during sleep, in only a few paroxysms, followed again by ordinary breathing, in turn followed by similar paroxysms; it was so loud that it woke his wife, who aroused him whenever it was repeated,[1].—Sighing with pressure in the chest, during fever,[5].—[**960.**] ***Constantly obliged to take a deep breath**, *from time to time, for several days, especially while sitting* (third and following days),[1a].—Shortness of breath and great prostration,[1].—Unable to get breath; must sit up; then rattling of mucus (a noise like peas cooking), with alternations of coldness and heat in the pit of the stomach, and general chilliness and flushes of heat; risings into the œsophagus with efforts to vomit, whereby only mucus is raised, which collects in the mouth in large quantities (after forty-eight hours),[7].—Respiration impeded, in the evening after eating a very little,[1].—*Difficult respiration almost all day*,[8].—Respiration difficult on account of stitches in the chest,[6].—Respiration constricted, after eating a little,[1].—**Sensation of suffocation with the throat troubles*,[1].—Suffocation while coughing,[1].—***During**

† In "phthisis mucosa."

the heat as of orgasm of blood, he is obliged to loosen the clothes about the neck; there is a sensation as though they hindered the circulation of the blood, with a kind of suffocative feeling,[3].—[**970.**] *Acts somewhat upon the larynx, *so that it is not only very sensitive but it seems as though it would suffocate him;* it also increased the pain in the back of the throat in the evening (first day),[1a].—*Desperate fits of suffocation;* she must sit up in bed,[21].

Chest.—He lies upon the chest at night,[1].—Great commotion and anxiety in the chest, with constant efforts to vomit (bite),[1].—It seems as though the wind rose up into the chest, and became fixed there; relieved by eructations,[1].—While riding in a wagon, pain in the chest, and tickling in the larynx, provoking hacking cough,[4].—Pain extending inward in the lower portion of the ribs,[5].—Pain in the short ribs, first in the right, then in the left, then in the left elbow, then extending to the hand,[8].—Pains beneath the short ribs on breathing.[8].—Violent pains in the chest, so that he could not touch the chest, at night,[7].—[**980.**] Burning in the chest at night, with pains in the sternum,[1].—The chest feels swollen, with violent pains in it; dares not touch it at night,[7].—Tightness of the chest (tenth day), following pressing pains in the chest the day previous,[9].—Such great tightness of the chest, in the evening after lying down, that she almost suffocated,[11].—Pressure upon the chest, as if it were full of wind,[1].—Pressure in the chest, with sighing, during fever,[5].—Heavy dull pressure in the whole chest,[1].—Pressing pain extending from the chest to the stomach,[5].—Pressing pains in the chest, lasting the whole afternoon, together with pressing pains towards the stomach; in the evening frequent pulse, and at night pains in the chest (sixth day), still more on the next morning; again, afterwards, violent pressing pains,[9].—*Oppression of the chest,* suddenly disappearing.[2].—[**990.**] Oppression of the chest in the evening,[2].—**Oppression of the chest during sleep,*[1 2].—Oppression of the chest on becoming heated,[2].—Oppression of the chest, with nightly attacks of vomiting,[9].—Oppression of the chest, alternating with clawing in the anus,[2].—Oppression of the chest, with cold feet,[2].—Stitches in the chest,[15].—Stitches through the chest from the abdomen to the shoulder,[5].—Stitches through the chest, when coughing,[15].—Stitches in the left chest, not much worse on inspiration and coughing; afterwards some drawing pains in the right metacarpus, soon disappearing,[15].—[**1000.**] Soreness of the chest,[5].—The whole chest seems sore, as in violent catarrh; extending to between the shoulders, especially after eating,[1].—Throbbing in the chest,[14].—Throbbing in the chest and abdomen,[14].—Bubbling sensation in the chest,[4].—Some jerks in the chest,[4].—Tickling in the chest provoking cough,[2].—***Front.*** Stiffness and pain on pressure at the insertion of the sterno-cleido-mastoid muscle,[15].—Pains in the sternum,[1].—Stitches in the lower portion of the forepart of the chest, extending inward (first day),[5].—***Sides.*** [**1010.**] Pains in the left side, beneath the breast, etc.,[7].—Decided pain in the left side,[8].—Burrowing like a worm in the forepart of the right side of the chest, extending towards the left side, and seeming to be in the stomach; afterwards a stitch as if extending from the stomach internally upward between the flesh and bones in the middle of the chest to the vicinity of the breasts,[5].—Drawing in the chest, in the right side, coming from the anus; during fever,[5].—(Stitches in the side followed the administration of Lachesis for a dry cough),[7].—Stitches in the left side of the chest,[8].—Stitches in the left side of the chest, worse when coughing and breathing, together with sticking pains in the left knee, drawing in the fibula and down into the foot; stitches in the right ankle,[15].—Needlelike stitches in the left side and left hand,[8].—***Mammæ.*** Feeling as though

labor-pains extended up into the breasts, almost every day,[5].†—Pains in the left side beneath the breast,[1].—[1020.] Pressure beneath the breast, and drawing extending upward (fourth day),[5].—Stitches in the vicinity of the breasts, coming from the stomach,[5].—Stitches in the left nipple,[10].

Heart and Pulse.—Præcordium. **Feeling of constriction about the heart,*[5].—***Cramplike pain in the præcordial region, causing palpitation, with anxiety,**[3].—Pressure towards the heart from the stomach,[5].—Pressure about the heart during fever,[5].—**She feels the beating of the heart, with weakness, even to sinking down,*[7].—***Heart's Action.*** **Palpitation,*[1].—**Palpitation causing anxiety* (soon after a dose),[3].—***Pulse.*** [1030.] Pulse increased, full and hard, after moderate exertion, with profuse sweat, in the evening,[9].—Pulse small and rapid, with hot skin (bite).—Pulse full and hard, with headache, catarrh, and drawings in the lower legs,[15].

Neck and Back.—Neck. **Stiffness of the nape of the neck, with catarrh,*[1].—Sticking in the nape of the neck and back,[6].—Stitches in the nape of the neck and in the whole back, for three days; sticking in the right arm, with a feeling as if it were asleep, with violent itching in both arms, hips, and lower limbs, disappearing gradually in ten days after second dose,[6].—Tearing in the cervical vertebræ,[5].—**Nape of the neck sensitive to external pressure,*[1a].—***Back.*** After stooping, he could with difficulty become erect,[2].—Pain in the back, as if sprained, during the fever heat,[2].—[1040.] Sticking in the back from below upwards (first day),[5].—Sticking in the upper part of the back,[3].—***Dorsal.*** Constant pressive pain between the scapulæ and on the chest,[3].—Sticking between the scapulæ,[3].—Very distressing, persistent, pressive, sticking pain near the point of the right scapula, towards the spine, deep in the back, as if something were sticking in it; worse by paroxysms, obliging one to bend backwards, and also to take a deep breath; not affected by breathing; usually recurring after long sitting (second and following days, for a week),[1a].—Tearing in the scapulæ, more in the right; also in the shoulders (seventh day),[5].—Tearing between the shoulders, and in the cervical vertebræ (fourth day),[5].—Painfulness of the left scapula, as from a dull pressure,[4].—***Lumbar.*** Pains in the loins, after the midday nap,[1a].—**Pain in the small of the back, as if lame and weak,*[13].—[1050.] Pain in the small of the back spreads upwards like a fan; it is like a pain from excessive exertion,[2].—Pain in the small of the back, with yawning and stretching of the arms and legs, as in fever (after acids),[5].—Pains in the small of the back, with increased numbness of the fingers, crawling in the calves and toes, painfulness of the left knee and elbow, a feeling as after exertion in the muscles of the right leg, near the outer side of the tibia, and a frequent sprained feeling in the knee, which occurred during the first week, recurred again later,[2].—Habitual pain in the small of the back precedes troubles in the anus, at first and always more violent on the right side, afterwards on both sides; a pain as from a sprain, which prevented almost every motion, with a helpless, clumsy gait,[2].—A former paralytic and sprainlike pain in the small of the back became far more acute,[7].—Burning, apparently between the skin and flesh, seeming as though it came from the small of the back (after acids),[5].—Sticking burning in the small of the back, extending upward,[5].—**Drawing pains in the small of the back,*[12].—Drawing across the region of the kidneys, with a feeling of warmth during the fever,[5].—**Intolerable drawing in the small of the back and down*

† Causticum relieved.

into the legs, especially noticed in the ischia, frequently in the evening; drawing extending from the small of the back up the back; drawing extending from the back to the hips, with urging to urinate,[12].—[1060.] Pain as from a sprain in the small of the back, extending inward to the abdomen,[2].—Pain as from a sprain in the small of the back, with occasional violent jerks, which take away the breath,[2].—Helpless, stumbling gait, which disappears one or two hours after rising; caused by pain as from a sprain in the small of the back, that prevents almost every motion,[2].—Stitches from the small of the back to the liver (or kidneys),[3].—Dull stitches (jerks) in the small of the back on every motion, so painful that they distorted the features,[7].—Throbbing in the small of the back and anus, with drawing in all the limbs,[5].—***Sacral.*** Constant simple pain in sacrum and coccyx,[3].—Pain in the ischia,[8].—A drawing in the back is especially felt in the ischia,[2].

Extremities in General.—Objective. The bitten limbs become inflamed and swollen (bite).—[1070.] Stretching of all the limbs,[2 3].—Stretching of the limbs and *a feeling about the heart as if it were constricted* (after acids),[5].—Stretching of the arms and legs, with fever,[5].—Limbs stiffly outstretched, head bent back, eyes distorted, for half a minute,[7].—Paralyzed lameness in almost all the bones, and some pressive, but not constant, pain (sixteenth day),[9].—***Subjective.*** Heaviness of the limbs,[4].—Pains in the limbs, after a profuse catarrh,[8].—Pains in the left arm and lower extremity, side, and hand (second day); in the *right* side, in the neck, elbow, lower extremity, and shoulder (third day),[8].—Pain in the left shoulder and in the forepart of the left foot, afterwards in the knee, wrist, and shoulder of the same side; then in the right limb, arm, and teeth,[8].—Weary pain in all the limbs, commencing in the knees and elbows,[2].—[1080.] Drawings in all the limbs, with throbbing in the small of the back,[5].—Drawings in the left leg from the hip to the knee, then in the right arm from the shoulder to the elbow,[8].—Painful drawing in the knee and elbow, extending downward,[2].—Pains as if pressed from without, sometimes very violent, though always transient, in the arms, hands, legs, feet, lasting a whole week; together with itching in the eyes, and on the sixth day violent catarrh,[8].—Seated pain as from a sprain in the left knee and elbow, with pain in the small of the back, which does not disappear,[2].—Tearing pains in both arms and legs, with cramp,[5].—Frequent tearing pains in both arms and legs,[5].—Painfulness of all the limbs, feeling as if beaten on motion,[3].—Gnawing pain in all the limbs,[3].—Jerking in the hands and lower extremities,[5].—[1090.] Twitching in the arms and legs, and at the same time creeping from the left shoulder to the head,[5].

Superior Extremities.—Weakness of the arms in fever,[5].—* *The arms are so weak that she is unable to raise them; they fall down again,*[5].—The arm sinks down exhausted, after trifling exertion,[7].—Feeling as though the arms had fallen asleep, with sticking in them,[6].—Pains in the arms as if internally in the bones (after acids),[5].—Tension through the whole arm, extending to the middle fingers, as if the tendons were too short,[1].—Tensive sensation as if the tendons in the left arm were too short on stretching it out straight, extending through the whole arm to the middle finger, in which it is most perceptible,[1].—Paroxysmal pains in the right arm like a pressing in the bones,[8].—Sticking in the right arm, with a feeling as if asleep,[6].—[1100.] Tearing through the right arm, less in the left (fifth day),[5].—Sudden tearing downward through the arms (fourth day),[5].—***Shoulder.*** A turning about in the muscular margins of the axillæ, more towards the right side, as in erysipelas (third day),[5].—A kind of pa-

ralysis of the left shoulder, in the morning on rising, as from lying in an uncomfortable position; it, however, continues, and is afterwards repeated, but especially in the morning when dressing and on bending the arm backward,[7].—Rheumatic pains in the right shoulder and wrist,[5].—Aching and heaviness extended through the shoulders and arms, but in a less degree than in the legs (second day),[22].—Drawing pains in the shoulder-joint, in the evening,[12].—Tension in the shoulder and cervical muscles, with headache,[1].—Sticking near and beneath the right shoulder, worse after the midday nap,[1a].—Stitches from the abdomen to the shoulder,[5].—[1110.] Stitches externally, beneath the right axilla,[1].—Violent tearing in the left shoulder, and extending through the arm to the tips of the fingers (in the morning, immediately after the second dose, and again on the third day),[6]. —***Arm.*** Pain in the right upper arm, at first as if in the flesh, afterwards also in the tendons and bone, followed by pain in the right calf,[8].—Tearing in the bone of the upper arm, and outward through the flesh (after acids),[5].—***Elbow.*** Pain in the elbow, extending to the hand,[8].—Rheumatic pain in the elbow, and afterwards in the left hand,[8].—Pain in the elbow, as if bruised, with pain in the small of the back,[2].—Pain in the elbow, as if the so-called funny bone were pressed hard (as if the nerve were bruised),[8].—A sensation in the left elbow, when touched, as painful as if a piece of glass were sticking in it, though nothing was to be seen, lasting two days,[9].—***Forearm.*** Swelling of the muscles of the forearm, painful when grasping anything (one hour after third dose, disappearing during the night),[15].—[1120.] Tearing in the forearm (seventh day),[5].—***Wrist.*** Rheumatic pain in both wrists, and in the right shoulder, in the evening,[8].—Aching in the joints of the wrist, extending to the elbow (sixth day),[5].—Pain as from a sprain in the right wrist, in the evening, on exerting it (fifth day),[16].—Tearing along the ulnar side of the left carpus and metacarpus, extending to the tips of both outer fingers; it is not so violent on the right side; still worse on the second day,[15].—Acute tearing in the bones of the wrist, at intervals, on the side of the little finger of the right hand (second day),[1a].—***Hand.*** (No power in the left hand),[1].†—Inability to close the hands,[2].—The hands feel dead on rubbing them (on the backs of the hands?), (sixth day); while washing them rapidly, after eating; it disappears during the third week, but again shows itself a few times in the fifth week,[2].—Pain in all the joints of the left hand, as after violent exertion, on waking,[2].—[1130.] Rheumatic pain along the left hand, on the side of the little finger; often extending to the elbow,[8].—Cramp between the metacarpal bones of the fourth and fifth fingers (third day),[5].—Sticking pains in both hands, soon disappearing,[15].—The hands, which were bent by contraction of the tendons, began to pain if she attempted to sew; constant stitches, deep internally, as if in the bones and cartilages of the wrist and metacarpus; also a feeling as if something were crawling in them, renewed by paroxysms (third and following days),[1a].—Tearing in the left hand, extending into the upper arm,[7].—Tearing in the joints of the right hand (fourth day),[6].—Extremely painful tearing, like a forcible extension of the muscles of the right hand; it refuses its service on attempting to hold anything,[2].—Jerking in the left hand, in afternoon, while sitting,[1].—***Fingers.*** The fingers are white, without stiffness, all day,[2].—Visible pulsation in a large portion of the ball of the left thumb, very disagreeable; afterwards with slight jerking in the whole thumb, frequently recurring and

† In a patient with disease of the heart.

lasting a long time, and continuing to recur for a long time,[1].—[1140.] (A panaritium on a finger in which there had formerly been frequent jerking, preceded by jerking and pains, so that she could not bear the arm under the covering, frequently shooting upward and often downward into the arm, which was weak),[16].—Numbness of the tips of all the fingers, first of the right, then of the left hand; also in the fifth week, without sensation, especially violent in the morning,[2].—Pain in the ball of the right thumb,[8]. —Feeling as though the metacarpal joint of the left little finger were sprained,[4].—Stitches in the tips of the fingers,[8].—Sudden stitches in the tips of the fingers,[4].—Gnawing and crawling in the bones and flesh of the right third and fourth fingers; also under the nails, as though something were crawling about under them, commencing at the finger-tips, and extending to the second and third phalanges; it seems as though something were boring and burrowing from the backs of the fingers through and through and upward, but without pain,[5].

Inferior Extremities.—Helpless, stumbling gait, with stiffness of the joints; cannot bend the joints, except very slowly; afterwards the movements are frequently rapid and active, often uncertain and clumsy,[2].—A feeling of weariness in the legs,[8].—Drawing extending up the legs,[5].—[1150.] Drawing extending down the legs from the small of the back,[2].—Short, transient, pressive pains in the left lower extremity, first above the knee, afterwards below it, extending to the foot; afterwards in the right arm and right ear; in the evening while sitting,[8].—***Hip.*** Pains in the hip and thigh, lasting into the night, with pressive heaviness in the forehead, so that he is unable to open the eyes,[3].—A former tearing in the left hip returns,[7].—***Thigh.*** (Œdema, with pains in the thigh, in one suffering from dropsy of the chest),[7].—Paralyzed feeling in both recti muscles of the thigh, which also feel swollen, disappearing over night,[15].—Rheumatic pains in the posterior portion of the thigh,[14].—The posterior portion of the thigh, especially towards the knee, becomes painful, as if swollen; the knee is swollen, with intolerable pain, especially in the hollow, chiefly on touch; there is tension, and stretching out the leg is very difficult,[7].—Pressive sticking in the left thigh, less while walking, worse during rest and in bed, with œdema,[7].†—Some tearing in the left thigh from above downward,[4].—[1160.] Frequent tearing in the thighs, extending to the knees, as if in the bones,[5].—Pain in the muscles of the right thigh, as after a blow or bruise; after drinking wine, and also renewed thereby,[3].—The posterior portion of the thigh is painful,[7].—Jerking at times in the left thigh; after a quarter of an hour, again several jerks in the thigh, with painful drawing in the left leg from above downward,[4].—***Knee.*** The knee is thick, painful on standing; he can scarcely walk, and only after walking awhile is it endurable,[7].—Creaking in the left knee,[2].—*Feeling of weakness in the knees after eating; with pressure in the stomach*,[3].—Tension in the knee; stretching it out was very difficult,[7].—Cramp in the knees on waking,[2].—*Pain, as from a sprain, in the right knee*,[2 4].—[1170.] Drawing pain, as from swelling, in both knees; a sticking (after a quarter of an hour),[15].—Gouty, drawing pain in the left knee while sitting,[4].—Pressive pain in the right knee, extending inward,[9]. —Pain, as from a sprain, in the knee during the fever heat,[2].—Pain, as from a sprain, in the knee, with pain in the small of the back,[2].—Stitches in the knees when walking,[3].—Stitches in the right knee,[8].—Stitches in the left knee, with stitches in the chest,[15].—Knees feel bruised in the evening,[1a].

† In a dropsical person who had the pains once the previous year.

—Crawling pain in the right knee down the forepart of the tibia to the back of the foot and to the toes,[15].—***Leg.*** [1180.] *Swelling of the left leg and foot*,[6].—She was obliged to move the feet up and down, otherwise the legs would jerk up and cause uneasiness in the whole body, together with tearing extending up the leg (fifth day),[5].—Legs felt heavy (second day),[22]. —Pain in the left leg,[8].—Pains in the left leg below the knee, still more in the ankle; at the same time in the left arm,[8].—Legs ached all through, but the pain was most severe about the knees; after retiring (first night); began to ache again soon after 8 A.M., aching all through, but the pain, as on the day before, was most about the knees (second day),[22].—Drawing in the lower legs from above downward,[4].—Drawing in the lower legs; with catarrh,[15].—Drawing in the left leg, as if in the bone, extending to the ankle,[2].—Drawing in the fibula and foot,[15].—[1190.] Drawing pain from both knees to the tarsal joints,[15].—Intolerable drawing in the legs, lasting a long time,[2].—Pressure in the left leg and foot after headache,[8].—Sticking in the legs with changes of the wind and weather,[5].—Tearing extending up the leg, with uneasiness in the knees.[5].—Jerking in the left leg in the afternoon while sitting,[1].—Feeling in the right calf as if asleep, afterwards in the whole leg (seventh day),[5].—Pain in the right calf, preceded by pain in the right upper arm,[8].—Old pains in the calves reappear,[1].—Cramp in the calves at night and towards morning, waking from sleep,[1].—[1200.] Violent cramp in the calves at night, towards morning, so that it woke him,[1].—***Ankle.*** Pains in the ankle,[8].—Pain in the tarsal bones,[15].—Pain in the left external malleolus, which increased as the contiguous muscles were put upon the stretch in stepping; this pain lasted for some time (second day),[22].—Drawing in the left ankle from the leg,[2].—Stitches in the right malleolus,[15].—***Foot.*** Swelling of the feet following redness of them, with fever; similar to elephantiasis,[1a].—The right foot becomes again swollen, worse after walking,[1].—(His boots were never too tight during the whole proving),[2].—She was obliged to move the feet, otherwise the legs jerked upward intolerably, followed by fine drawing extending up the leg like a crawling,[5].—[1210.] (Violent pains on the back of the foot, in the forepart towards the inner side, hindering sleep; they are worse if he steps upon it; he becomes feverish and tremulous on account of the pain),[1a].†—Tension in the tendons beginning at the heel (before a snowstorm),[5].—Cramp in the forepart of the foot,[5].—Cramplike feeling in the foot, which draws up the toes (fourth day),[5].—Pain in the forepart of the left foot, as if it were pressed between boards,[8].—Frequent violent tearing in the feet, especially in the evening, with heat in them,[7].—(Sensitiveness of the balls of the feet on stepping upon them),[1].—Bubbling in the right foot near the great toe,[1].—***Toes.*** A transverse crack on the outer side of the little toe in the fold of the joint, with much itching (near to where a sand-flea had been taken out),[1].‡—(The corns grow rapidly, but are not painful),[2].—[1220.] Numbness and crawling in the right toes,[2].—Pain in a corn on the right little toe,[4].—Occasional pain in all the toes, sometimes of the right foot, sometimes of the left,[8].—Pain in a few of the toes, as after walking all day, with heat of them, preceded by cold feet,[2].—Feeling as though something were digging beneath the right toe-nails and pushing them up,[5]. —Aching in a corn on the right foot,[8].—Drawing extending from the toes upward,[5].—Stitches as with needles in the toes, extending upward (fifth

† In a case of elephantiasis.
‡ In a different prover from S. 1400.

day),[5].—Stitches in the left great toe,[8].—Painful surging back and forth in the toes,[1].—[1230.] Crawling and heat in the toes of one side,[1].

General Symptoms.—Objective. Stretching of the whole body, commencing in the toes and going to the fingers,[5].—Stretching after breakfast,[3].—Jerkings,[12].—Sudden jerking together of the whole body, starting from below, while sitting,[1].—Always, after sleep, so stiff that he could scarcely stir or move; rubbing and stroking by another person did him good, and soon entirely removed it,[1].—Trembling of the whole body, with ennui,[2].—Trembling of the body, with fever, from pain on the back of the foot,[1a].†—Muscular laxity; exhausted by motion and by the most moderate exertion,[2].—Indolent; disinclined for business or study,[10].—[1240.] Indolence; heaviness after eating,[1].—Weary, sick, dejected, with fulness after eating,[1].—Constant and fatiguing labor does not agree with him; he soon becomes weary,[7].—Great weariness on going out in the evening; the accustomed walk seems endless,[1].—At mealtime, while walking on the street, so weary that he could scarcely proceed; yet he ate but little,[1].—Weakness, especially of the arms,[7].—* *Weakness, especially of the legs,*[7].—***Weakness of the whole body, in the morning on rising,** *especially in the arms and feet,*[7].—* *Weakness in the morning, in all the limbs;* inclined to sleep; general exhaustion, even to lying down; better after lying down; therewith inactive, sad, disinclined to work, indifferent or gloomy, as after a night's debauch; physically prostrated and mentally indolent (second to sixteenth days),[9].—* *Weakness every morning;* in the beginning rather a physical prostration, then inclining him to sleep; afterward, rather a mental prostration (second to sixteenth days),[9].—[1250.] Weakness after breakfast,[3].—Weakness after supper,[1].—Weakness after the nightly attack of vomiting,[9].—Weakness a few hours after waking, after emissions,[7].—Weakness, with headache, after an emission,[7].—Weakness, with confusion of the head,[9].—Great weakness, now and then during the day,[7].—* *Great weakness in the morning after rising; she constantly desired to sink down again; on the slightest exertion the arms sank down exhausted; therewith she felt her heart beat;* often also in the evening she was very weak, so that she could not remain up long,[7].—***He would constantly sink down from weakness,**[7].—Suddenly, towards evening, deathly weak, with insatiable thirst; dry mouth; became pale and distressed, as if about to be attacked by a violent fever,[1].—[1260.] Great exhaustion of mind and body (after an ecstasy the day previous), (sixth day),[1a].—Great exhaustion and weariness in the evening; sleepiness, without however being able to fall asleep (first day),[1a].—Physical, not mental, exhaustion,[1].—Physical exhaustion and weariness, with mental excitement,[1].—Physical and mental exhaustion,[1].—***Great physical and mental exhaustion,** *especially in the morning,*[1].—Motion is very exhausting, throughout the proving,[2].—Faintness during breakfast, with nausea,[1].—Faintness and coldness, so that all the limbs became stiff, and he sank to the earth powerless (after two hours and a half he was found as above, and died, in spite of all remedies).‡—Transient faintness, with nausea, vertigo, even to falling down; vanishing of sight for two or three minutes during breakfast; during the day, frequent attacks as if it would return,[1].—[1270.] He falls unconscious to the ground, as if struck by lightning; has an in-

† In elephantiasis.

‡ From the bite of a serpent "boschmeister," similar to the "surukukir;" in an Indian who had been bitten above the elbow; he followed and killed the snake, and rubbed its gall into the wound.

voluntary stool and vomits (bite).—Restlessness often drives him into the open air,[1].—Restlessness drives him into the open air; he desires to accomplish much and begins many things,[1a].—**Restless tossing about, with moaning, in children with sore throat,*[7].—He is obliged to do everything very rapidly; he bolts his food, and afterwards is unable to remain sitting,[2].—***Subjective.*** Inclination to lie down,[4].—Inclined to lie down, in the morning and forenoon,[9].—*Great inclination to lie down, especially after eating,*[1].—Very great inclination to lie down, sitting is almost intolerable (sixth day),[1a].—Aversion to motion,[2].—[**1280.**] **Feeling of weariness,*[4].—Feeling of weariness drives him to sleep early,[1a].—**A decided sensation of weakness in the morning in sleep; on waking general sick feeling, vertigo, feeling of lead in the occiput, can scarcely raise the head from the pillow; all the joints seemed sprained;* pressure in the small of the back and fulness in the abdomen; after half an hour everything disappeared; afterwards repeated in a less degree,[2].—**Feeling as though the body were overwhelmed by a disintegrating tendency, with sinking of all the forces,*[3].—Paralyzed feeling, especially in the knee-joints, which gradually disappears while walking,[12].—Feeling as if paralyzed, cannot bend the feet or close the hands; at times only on the left side,[2].—Feeling of faintness, spasmodic yawning, while waiting for a meal,[1a].—Feeling as if he would become faint, caused by aching sensation in the stomach,[17].—*He is in a suffering, emaciated condition, very weak and prostrated, and is constantly inclined to rest,*[3].—He became very sick after drinking wine, also after strong beer (during the curative action),[1].—[**1290.**] Constantly very sick for ten days before the menses; constant beating in the temples, headache, and cutting in the abdomen, so that she feared the occurrence of the menses every moment,[7].—Began to feel great heaviness and lassitude all through the body, but particularly the back and legs, soon after noon (about three hours); the feeling of lassitude had increased, and walking tired me much more than usual, at 3.30 P.M.; this feeling partially passed off after supper (first day); general lassitude more marked (second day); lassitude continued (third day); increased (fourth day),[22].—Pains, here and there, when coughing,[8].—Intolerable pains extending from the hand that is bitten to the chest (bite).—*Rheumatic pain, first in the left side, then in the right,* and frequently alternating; at times from right to left and back again, but always in different places, in the shoulder, arm, wrist, hand, lower extremities, knee, calf, foot, and teeth,[8].—Tearings, now in one place, now in another, in the flesh; afterwards, here and there, in the body (third day); all over the body, afterwards in the limbs, here and there (fourth day); in all the limbs (seventh day),[5].—Tremulous sensation over the whole body as from anxiety, without real anxiety,[3].—Faintlike sensation of trembling,[1].—Sticking sensation over the whole body, loins, face, in the evening, worse in the night, also lasting the next day (after three doses),[9].—Some needle-like stitches, often very violent, in various parts of the body,[8].—[**1300.**] Feels bruised all day,[1].—*Feels bruised, in the morning after waking,*[1a].—Always after sleep, day or night, bruised and stiff,[1].—Bruised feeling after the midday nap,[1a].—Feels very much bruised, with pains in his loins, between the shoulders and in the spine, after sleep (sixth day),[1a].—Weary, bruised feeling, with catarrh, cough, sore throat, morning-nausea, rumbling in the upper abdomen, etc., *as often in warm spring weather,*[1].—Feels beaten the whole day (first day),[1a].—The whole body feels beaten and weak, in the forenoon, as after a night's debauch, also mentally very indolent (sixteenth day),[9].—*Slight touch is intolerable,* almost puts him into a rage,[2].—After confine-

ment, all her former troubles (pain in the left side beneath the breast, tearing in right foot, violent headache, and attacks of colic) became again more violent, though only transient,[7].—[1310.] After seven doses of Lachesis 30th (the last in water), the symptoms became violent and constant, especially the headache and catarrh; he then smelled of Lachesis 30th, whereupon everything was speedily relieved, especially the catarrh, and after three to four days it disappeared,[15].—(*Acids disturb the curative action*),[1].—The symptoms occur in the afternoon,[5].—*Numerous symptoms a few hours after eating*,[1].—Symptoms occur, are renewed, or are aggravated after drinking wine,[3].—Wine seems to have less effect than usual upon him,[1a].—Great longing to go into the open air,[1].—***Obliged to open the clothes, which affords relief,** *with faintness*,[17].—***Obliged to wear the clothes very loose, especially about the stomach; even in bed is obliged to loosen and raise the night-dress, in order to avoid pressure; she dares not even lay the arm across the body on account of the pressure,**[7].

Skin.—Objective. ***Sore spots became fungoid, dark-red to brownish,** *with whitish spots; burning on wiping*,[1].—***Eruptions, Dry.*** [1320.] Small tubercles on the right forearm (fifth day); these gradually extend over the whole body, excepting the face, chest, and abdomen; very violent itching at night in bed; afterwards the eruption assumed a different character, partly larger, like nettles, hives, or insect-bites; partly, after scratching, becoming like scarlatina, or roseola, or prickly heat; and disappears the second day (in June),[14].—Pimples, especially on the hairy portion of the genitals (second day),[9].—Several pimples on the body (eighth day); afterwards here and there; in the morning, on the genitals, arms, face, etc.,[9].—Red pimples here and there on the body, with at times tickling in them; scratching causes pain; the tickling is worse in bed; she is unable to sleep on account of the biting-itching; is frequently wide awake (first night); she slept well (second night),[5].—(Hives in a leprous person, caused after Lachesis),[1a].—In the forenoon the whole body began to bite and itch, especially on the upper arms; after scratching, thickish elevated spots appeared (hives), which soon disappeared (second day),[1a].†—Desquamation of the skin of the forehead, with biting-itching,[5].—The skin of the face and scalp desquamates more than usual, for three or four days,[9].—A small wound beneath the nose bleeds unusually profusely,[18].—(A red spot on the prepuce, without itching),[2].—[1330.] Scarlet-red spot as large as the hand on the right chest, shoulder, and arm, with great thirst, rapid pulse, short breath, coated tongue,[7].‡—The whole arm of the diseased side and the shoulder, and also the chest, became covered with scarlet-red spots as large as the hand; pulse rapid; thirst great; breathing short, and moaning; tongue coated,[7].—A red burning spot on the thumb, followed by a large hard vesicle,[1].—Itching on the sides and on the short ribs towards the umbilicus, in the morning, where there are red spots like bug-bites; the itching is increased in the evening while walking, still worse in bed; at the same time there are white hives on the left scapula, also involving the whole back; on the next morning these hives were red (third and fourth days),[11].—******Pain as if burnt on different places on the tibia, at first itching, but after rubbing there appeared rather sensitive spots as large as a quarter dollar, with dark blue-red margins and dry scurf*,[10].—Small red

† In leprous patients.

‡ Within twenty-four hours after the administration of Lachesis for cancer of the right breast, after a shaking chill and dry heat with thirst.

points here and there on the fingers, which itch very much (fourth day),[1a]. —Itching on the lower legs, obliging him to scratch; red wheals appear,[1].—After incessant itching there appears a round, red, very hard bunch on the back of the middle finger, lasting a long time, without vesicles and without suppuration; a small deep point of pus slowly forms, of which very little exudes; only on allowing the hand to hang down there is a sticking pain; six weeks later, after a blow on the bunch (which had almost entirely disappeared), it bled unusually profusely,[1].—A warty elevation on the back of the left middle finger, after some days, following itching vesicles; it afterwards disappeared, leaving a scar,[1a].—A small group of flat warts appeared on the outer side of the left thumb (ninth day), remaining for a year,[1a].—[1340.] Soft cartilaginous nodes in the skin about an ulcer,[1]. —A large number of small flat warts suddenly appear on the hands of one who already had several very large ones, which do not disappear,[1].—Eruption on the eye,[9].—Eruption on the left side of the upper lip,[4].—Biting in the lobule of the ear, afterwards pimples on it,[5].—Pimples on the arms,[9].—Small pimples on the face,[1].—A small pimple on the outer portion of the right thigh, around which for some distance it is extremely painful,[1].—Some very small pimples on the left arm (fourth day),[9].—Very small pimples with white pus on the upper lip, also on the face (fourth day),[9].—[1350.] Several small pimples on the forehead and cheeks (some days after the dose),[5].—Small red pimples on the forehead not far from the root of the nose,[14].—Small pimples, not unlike the vesicles of scabies, on the face,[11].—Papulous eruption on the right forearm, afterwards over the whole body,[7]. —Itching and a papulous eruption on the elbow-joint,[10].—Eruption like nettlerash over the whole face (twenty-sixth day); it disappeared and returned,[1].—Hives on the shoulders,[11].—Itching hives on the legs,[1].—Hives on the back,[11].—A sticking-burning inflamed tetter as large as a pea on a toe of the right foot that was somewhat exposed to pressure; the pain lasted eight hours, the spot three days,[9].—[1360.] **Erysipelatous eruption beneath the left eye, which first itches at night; she was wakened with fright about trifles; in the morning the skin began to redden and swell, and became worse after the midday nap; the next morning very thick and red, with incessant itching scarcely to be endured; the whole lower lid was swollen, red, and itching;* preceded and followed by beating headache, on stooping,[1].†—***Eruptions, Moist.*** Vesicular eruption on the left nostril,[13].—Itching-burning and vesicles on the hands and fingers,[1].—Small clear vesicles on the right fourth finger,[1].—Violent itching on the right heel, afterwards on both heels, then on the right hand and fingers, on the top of the foot, and toes; always worse and burning after scratching, *followed by small, hard, white, deeply seated vesicles*,[1].—Many itching vesicles on the outer margin of the right hand, with voluptuous burning after scratching (during second week),[1a].—Itching in several places between the fingers, where, after scratching, hard shiny elevations appear, followed by small vesicles with burning and tension, often lasting a week,[1a].—Small itching vesicles on the backs of both feet,[1].—Small itch-vesicles here and there on the fingers (fourth and following days),[1a].—Groups of deep hard itch-vesicles on the right hand,[1]. —(A blister on the tip of the left second toe breaks and is moist),[1].—***Eruptions, Pustular.*** [1370.] Pustules, especially on the thighs, as large as the head of a pin, surrounded by a red areola, some of them as large as the cornea,[7].—Pimples half as large as the head of a pin on the

† Rhus 30th relieved.

face, with pus; afterwards also on the upper lip beneath the nose, on the brows, and on the chest; they disappear on the next day but return; also on other parts, on the arm; for a week,[9].—A red spot as large as the hand appears on the left shoulder and exudes moisture; small vesicles suppurate and break,[7].—Some pustules filled with matter on the right brow and face,[4]. —**Boils half an inch in diameter near the spine, with violent burning-throbbing pain;* disappearing without suppuration,[6].—A large boil on the heel, with violent shaking chill on the formation of matter; caused by very slight rubbing of the shoe, in one who had never before had anything like it (after eight weeks),[1].†—Ulceration of a nail after a bruise,[1].—Small ulcers on the elbow,[1a].—(Ulcers become cleaner, and the areola painful to pressure),[1].—**The slightly brownish-red areola about the ulcer became blackish-blue,*[1].—[**1380.**] **Old red ulcer-scars reopened;* after a blow the epidermis easily loosened and would not again heal; suppurated; then vesicles formed and the epidermis loosened all about; *the open spots were dark-red, looking like a flat sponge,* here and there whitish; burning after wiping,[1].—(A cancerous ulcer had on the next morning dark-red, almost black, streaks of blood, like injected vessels on its base), (after the 30th),[7].—Bleeding of ulcers, which then became cleaner,[1].—(The opening of a cancerous ulcer bled very profusely; next day the base seemed bluish),[7].—The place of the bite became gangrenous, the hands and fingers became swollen and insensible; the inflammation extended to the arm, the swelling to the shoulder; here and there gangrenous blisters (the arm was amputated), (bite).—***Subjective.*** Burning in the skin (after taking acids),[5].—Sticking-burning everywhere in the skin, especially starting in the small of the back,[5]. —A sticking in the skin, commencing rather deep in the flesh and sticking outward through the skin,[5].—Very fine stitches deep in the skin, extending outward through it,[5].—Biting in various parts of the skin, as from ants,[4].— [**1390.**] *Itching over the whole body,[10].—*Sleep prevented by itching,[3].— Itching, especially on the thighs (third day),[1a].—Itching in various places, especially the lower leg and loins; also on the upper arm; in the evening,[10]. —Itching on the body as from ants, especially on the loins (eighteenth and nineteenth days); (following Phosphoric acid as an antidote); the itching was the same as had occurred in a former proving, immediately after Lachesis,[9].—Sticking-itching in various parts of the body,[1].—Sticking-itching in various parts of the face and body, in the afternoon (after two hours),[9].—Sticking-itching over the whole body, face, and scalp, as from ants, in the afternoon; worse at night, accompanied by burning pain, and lasting till the next forenoon, but then without the burning,[9].—Pain as if a pimple would form between the outer canthus and the temple (fifth day); disappearing (sixth day),[1a].—Pain in and about a scar remaining from a fistula on the thigh healed the year previous,[1].—[**1400.**] A sand-flea (Sika‡) causes unusual pain (first day); the small wound remaining after removing it will not heal, and is painful to touch for several days; *moreover, the skin cracks between the toes* (fifth day),[1a].—*(*Burning in ulcers at night,* so that he was obliged to rise and wash them with cold water),[1].—The skin about the ulcerated spots on the legs feels tense as if too short,[1].—A crawling about in the arms and jerking in the flesh, also in the legs, in fever,[5]. —Crawling in the fingers and calves,[2].—Crawling in the right shoulder, upper arm, and beneath the shoulder,[2].—Crawling and prickling in the left

† Zinc followed by Hepar sulph. speedily cured.
‡ Chigoe; jigger; pulex penetrans.

hand and toes, especially violent in the latter; at times in the whole left side from the vertex to the toes,[2].—Crawling and prickling in the left toes,[2].—Itching near the left eye,[6].—*Itching in the face*,[1].—[1410.] Itching in the face about the eyes and on the cheeks, relieved after scratching, from morning till evening,[1a].—Itching on the loins,[10].—Itching between the fingers and on the knees,[7].—Itching on the upper arm,[10].—Itching of the hands,[1].—Itching in the bend of the fourth finger,[1].—Itching on the lower leg,[10].—Violent itching on both arms, hips, and lower limbs,[6].—Violent itching on the left arm,[6].—Violent itching on the hips and lower limbs,[6].—[1420.] Violent itching, as though an insect had pierced the flesh, in a very small point on the instep,[1a].—Itching as from burning nettles on the left thumb and index finger; followed by formation of two pimples, as from insect bites (though there had been no insect), with violent burning after scratching, lasting three days,[4].—Sticking-itching on the hands and feet, in the right ear; in the afternoon (after one hour),[9].

Sleep and Dreams.—Sleepiness. Yawning (third day),[5].—Yawning with stretching,[5].—Yawning with nausea, and dryness of the throat, as if thirsty,[5].—Frequent yawning, toward evening,[8].—Spasmodic yawning, in the morning,[1].—While obliged to wait for dinner he was attacked by spasmodic yawning, became pale and faint, had to sit down quietly and eat something, when he felt better,[1a].—Sleepiness in the forenoon,[14].—[1430.] Sleepiness after breakfast,[3].—Sleepiness with the headache,[3].—**Sleepiness without being able to sleep*,[1a].—Unusual sleepiness in the morning after breakfast, with great prostration, stretching, and much spitting of saliva,[3].—Great sleepiness, after supper; he can scarcely keep awake, and in the morning he wakes late,[7].—Overpowering sleepiness in the evening; even during very interesting conversation with his friends, he can hardly keep awake,[17].—Overpowering sleepiness before eating,[2].—Overpowering sleepiness after eating,[1].—Sleepy in the evening earlier than usual,[17].—Sleepy after supper,[1].—[1440.] Sleepy in the evening, immediately after supper, with much weariness,[1].—*Sleepy and weak after dinner*,[1].—Very sleepy in the forenoon, after walking in the open air; sleeps for some hours, during which he dreams constantly; it seemed as though the dreams had consisted solely of very important things, though everything was forgotten on waking; he woke refreshed by sleep (second day),[1a].—Very sleepy in the afternoon,[10 17].—So sleepy after dinner that he could scarcely keep up in spite of pressing business; contrary to his habit, he slept for an hour; *afterwards the troubles in the abdomen were worse*,[1].—So sleepy after dinner that he could not keep up; slept an hour, which was very unusual; after sleeping the oppression in the stomach was worse,[1].—Inclination to sleep, with weakness in all the limbs, in the forenoon (third and ninth days),[9].—Frequent inclination to sleep at midday (after the first week); during the first week, sleep, in the forenoon,[2].—She could sleep while walking and standing,[1].—Necessity of sleeping before dinner, at times quite irresistible; this sleep did him good (during the first three weeks),[2].—[1450.] Falls asleep early in the evening,[10].—Sleep sound and refreshing, even if he wakes with bad feelings,[2].—Good sleep, with vivid dreams, without emissions (following a dose at 4 P.M.),[9].—Sleeps over the usual time the next morning,[4 7].—She lies constantly slumbering, as if stupefied, after the pains have passed off,[1].—***Sleeplessness.*** Constant sleeplessness; very much exhausted (bite).—***Lively and wide awake, for a long time,** *in the evening*,[1].—***In the evening very wide awake and talkative*, only somewhat disturbed by pain in the back (second day of second prov-

ing),[1a].—One evening he does not think of sleep, the next evening overpowering sleepiness,[1a].—Very wide awake before midnight (first day),[1a].—[1460.] Late falling asleep,[1].—Difficult falling asleep for a week,[1].—He was several times unable to fall asleep; during the third week,[2].—After going to bed sleepy he is unable to fall asleep; becomes wide awake (first day),[1a].—Goes early to bed on account of weariness; the legs and knees seem bruised; yet is quite unable to fall asleep because he cannot get into the right position; everything seems to cause pressure in the neck and throat (first day),[1a].—**He is unable to sleep on account of internal restlessness; the abdomen and chest seem swollen;* violent pains in the chest, so that he dares not have anything rest upon the chest,[7].—**Restless sleep*,[2].—Restless sleep and many dreams, with anxiety,[4].—Restless sleep, heavy morning sleep; he gets up unwillingly (curative action),[2].—Sleep at night restless, with moderate sweat, catarrh, cough, rash,[7].—[1470.] Sleep very restless; on rising in the morning weakness over the whole body, especially in the arms and feet; after a bad sleep, she rises less exhausted than after a good sleep,[7].—**Children sleep very restlessly, tossing about, groaning and moaning*,[7].—Partial sleep, full of dreams,[1].—Wakes very early in the morning after falling asleep late the previous evening (first day),[1a].—Wakes very early in the morning feeling well,[1].—He awoke at night about 1 or 2 o'clock; sleep was so light that he heard everything; and from then till morning he was unable to fall asleep again; therewith he easily became peevish and mistrustful, with no appetite for bread,[7].—**He woke in a fright at something trifling*,[1].—***Dreams.*** Dreams during the forenoon sleep,[1].—**Constant dreaming at night, frequent waking, and again dozing and dreams* (third day),[1a].—Many dreams, though he woke very early (fifth day),[1a].—[1480.] Many dreams through the whole night, and also on other nights, with frequent waking, though feeling well in the morning,[1a].—Dreams, with mental activity and thought, and of the many occurrences of the day,[1].—Very unusually joyous, humorous dreams during the afternoon nap (second day),[1a].—Poetic dreams full of inventions during the midday nap,[1a].—*Dreams every night with meditation;* only somewhat diminished after two weeks (seventh day),[1a].—Dreams the whole night concerning the occurrences and business of the day,[17].—Dreams constant and fatiguing, with frequent waking all through the night; yet he awakes early, and rises refreshed (first day, second proving),[1a].—After the forenoon nap it seems to him as though he had constantly dreamed of very important things, which on waking had been forgotten (second day),[1a].—During the day he for the first time remembers his dreams (it seems to him as though he had dreamed of everything that happened to him and more also which for the time was forgotten), (seventh and following days),[1a].—*Amorous dreams*,[1a 9].—[1490.] Lascivious, disgusting dreams the whole night (sixth day),[1a].—Dream with emission, always entailing very few unpleasant consequences,[2].—(Anxious dream, so that she was quite weary, in the morning),[1].—Many dreams of his home, with an anxious feeling as though some evil had happened to him; sleep restless,[4].—Dreams of being accused of theft; of a haughty earl, on whom he is determined to take vengeance, and, therefore, he has knives lying ready at hand in order to make use of them when the earl comes and shows himself insolent,[17].—Dream that a person very dear to him had died; he awoke weeping; looked about him with the conviction that he would see his ghost; without experiencing fear,[2].—In his dream he possesses an intriguing character (which while awake was in nowise the case),[1].

Fever.—Chilliness. Chilly, indolent, and prostrated; he was obliged to lie down flat on the ground near the fireplace, which made him feel better,[1].—Very violent general chill, with tearing and distension of the abdomen,[6].—*Once in the evening, violent chill, with chattering of the teeth, and a feeling as in trismus,*[13].—[1500.] A febrile chill, with thirst and pain in the forehead, in the evening,[6].—*General sensation of coldness, with coldness and longing for the fire,*[3].—She was obliged to lie down the whole day on account of fever; coldness without thirst, heat, or sweat; in the evening some small pustules on the elbow which had previously existed had matured (second day); repeated (third day),[1a].—*Shivering during the heat,*[1].—*Single paroxysms of shivering,*[1].—*Chilliness in the back, commencing in the small of the back,*[5].—Coldness in one side of the head,[1].—Sensation of coldness in the left side of the head and in the ear, which are however warm (with toothache),[1].—The ear is cold with the toothache; the whole side of the head seems to be cold, though it is warm; external warmth relieved,[1].—Soon after taking, a feeling of coldness in the stomach, as if an intermittent fever which he had formerly had would suddenly return,[7]. —[1510.] Coldness in the pit of the stomach, alternating with heat,[7].—Cold calves and knees, at times only, on the left side,[2].—Cold knees,[2].—Cold feeling on the right ankle (seventh day),[5].—Cold feet followed by heat and by pain in the toes,[2].—Cold feet, with roaring in the ears,[2].—Cold feet, with unconsciousness, that disappears when they become warm,[2].—**Cold feet, with oppression of the chest,*[2].—Coldness of the feet every day, at times painfully cold; after which heat sometimes follows,[2].—*Icy coldness of the feet,*[21].—[1520.] Crawling in the left calf, with cold feet and icy-cold ankle,[2]. —Creeping from the left shoulder to the head,[5].—Creeping up the back from the anus to the head, during fever,[5].—Shivering over the back (first day),[1a].—***Heat.*** An agreeable feeling of warmth in the evening, neither internal heat nor alone in the skin, but a feeling as after a cold bath, or as after coition (first day),[1a].—Disagreeable warmth over the whole body without perspiration, in the evening,[4].†—(Feeling as of a glowing heat from the skin in various places, especially in the afternoon),[1].—Sensation of heat at night, with restless sleep,[1].—It seems too hot at night; sleep very restless,[1].—**Heat as from orgasm of blood,* with sensitiveness of the throat,[3]. —[1530.] Febrile heat, fulness of the head, drawing in some teeth and in the bones of the face; eyes glistening, indicating exhaustion; with pain in knees as if sprained; next day, febrile heat with the same symptoms, and in addition irritability; feeling in the small of the back as though sprained; extremely restless and uncomfortable; symptoms as in a kind of grippe (influenza); during the attack, expectoration consisted of tenacious gray mucus; the day following, some catarrh without fever,[2].—Fever; at first much thirst, then, after some shivering, lingering heat without thirst, during which he desires to be covered; and so several attacks in the morning and during the day, especially in the evening; at times transient perspiration,[1].‡—A kind of fever commencing at 3 A.M.; drawing from the toes upward and urging to stool, with frequent soft stool during the whole time; then drawing in the right side and in the anus, extending up into the chest and above the region of the kidneys, with some sensation of warmth, together with pressure in the chest and sighing (and a pressure about the heart lasting a few days), followed by chilliness and stretching,

† In a cold climate, and at a cold time of the year.
‡ After several weeks, China relieved.

with some thirst; shaking chill in the open air; afterwards a creeping from the anus up into the head, with dulness, dizziness, roaring in the ears, dazzling before the eyes, weakness of the arms, crawling about and twitching in the flesh, even in the limbs; together with yellow color of the face; frequently recurring, always after taking vinegar,[5].—Constant fever with dry skin, dry mouth, and constant thirst (bite).—Violent fever every evening, with loss of appetite and headache; internal chill with external heat; in the evening great febrile heat, which lasted all night,[7].—Every evening feverish, hot palms and hot nape, during which the rubbing of other people is extremely beneficial,[1].—A feverish condition always after eating vinegar and salt things,[5].—Orgasm of blood, restlessness, anxiety, pressure upon the chest; violent, quarrelsome, morose, for several days; he involuntarily speaks louder and more distinctly than usual; thinks clearly and expresses himself well, but has no memory; does not hear or understand what others say to him (later action),[2].—Disagreeable news causes the most violent orgasm of blood, still he is at last master of it,[2].—A feeling of warmth, externally in the chest, as from a stove,[9].†—[**1540.**] Feeling of warmth in the lower portion of the chest, to the right side, as if it were near a hot stove (one hour after the dose in the afternoon); it extended after half an hour as high up as the axilla, lasting half an hour, with pressure in the pit of the stomach,[9].—Feeling of glowing warmth in the skin of the chest,[1].—Heat in the ears,[2].—Heat of the face,[8].—Heat in the pit of the stomach alternating with coldness,[7].—Abdomen hot,[1a].—Heat in the nape of the neck,[1].—Heat in the hands, with catarrh,[7].—Heat in the feet succeeding coldness,[2].—Moderate heat in the head and hands, with nasal catarrh,[7].—[**1550.**] The palms of the hands, soles of the feet, and abdomen, are very hot the whole evening, with sleepiness without being able to sleep, fanciful imaginings, sensitiveness of the throat, cannot endure the bed-covers or shirt (first day),[1a].—Frequently very hot hands and feet, with frequent violent tearing in the latter, especially in the evening; she does not know where she shall put her feet in order to find a cool spot,[7].—Burning in the palms of the hands and soles of the feet,[14].—Slight transient orgasm in the chest,[7].—***Sweat.*** Sweats too easily,[1].—Sweat too easy and too profuse,[1].—**Perspiration at night*, with catarrh and cough,[7].—Perspiration, with vomiting of bile, in nightly paroxysms,[9].—Profuse sweat at times at night; also frequent emissions,[7].—Perspiration profuse, with increased, full, hard pulse, after moderate exertion, in the evening; the previous and following mornings, was physically relaxed,[9].—[**1560.**] Transient perspiration between the paroxysms of fever,[1].—Excessive perspiration returns (it had been cured by other remedies),[1].—The shirt was stained sulphur-yellow from the perspiration on the back,[1].—**Dry burning skin*, dry coated tongue, constant thirst, small rapid pulse, weak eyes (bite).—Perspiration on the feet,[2].—Immoderate sweat of the feet; the toes are quite wet, in the morning in bed,[2].—Sweat of the feet very much diminished; the feet are warm, but not unpleasantly so (later action),[2].—Perspiration on the back staining sulphur-yellow,[1].—Strong-smelling perspiration in the axillæ,[1].—Perspiration in the axillæ, smelling like garlic,[1].—[**1570.**] Hands disagreeably dry,[8].

Conditions. — **Aggravation.** —(*Morning*), Confusion of head; *on waking, vertigo; after rising, vertigo; *vertigo; pains in head, etc.; *headache in frontal eminence; tearing in forehead; after waking, heavi-

† In a hot climate, and at a hot time of the year.

ness in occiput; stoppage of nose; after rising, troubles in throat, etc.; pressure in pit of stomach; immediately after rising, pain across umbilical region; itching in anus; ***after sleep, dry, hacking cough**; on rising, ***weakness of the whole body**; **weakness in all limbs;* ***physical and mental exhaustion**; after waking, *bruised feeling.*—(*Afternoon*), Rush of blood to head, etc.; the symptoms,[5]; feeling of heat.—(*Evening*), *The symptoms,*[1a 3]; eyes seemed thicker; after tea, hawking of mucus; **sensitiveness of throat;* pain deep in throat; ***on lying down, pain in top of throat**; **longing for oysters;* eructations, etc.; retching, etc.; at 6 o'clock cramps, etc., in stomach; sticking in left side of abdomen; **diarrhœa; cough;* on lying down, cough, etc.; dry cough; from about 9 o'clock, nervous cough; after lying down, tightness of chest; pains in shoulder-joint; pain in wrists, etc.; while sitting, pains in lower extremity; tearing in feet; chill; fever.—(*Night*), Relieved by extra warmth and lying on right side; earache in right ear; pressure in stomach; desire to urinate; short cough; ***dry, hacking cough**; in sleep, rattling respiration; pains in the chest; burning in the chest; heat; *perspiration, etc.*—(*Open air*), Vertigo; **tickling cough.*—(*Damp weather*), Hacking cough.—(*Drinking*), **Swelling in throat;* cough.—(*Eating*), Itching in nose; boring in hollow tooth; ***sticking in roots of teeth**; *pressure in stomach,* etc.; soreness of chest; *weakness in knees; numerous symptoms,*[1].—(*Fish*), Hacking cough.—(*Rest*), The symptoms,[2]; sticking in thigh.—(*Sitting*), **Need of deep breathing.*—(*After sleep*), **The symptoms,*[1 2]; ***sticking in roots of teeth**; ***cough**; pain near shoulder; stiffness; bruised feeling.—(*Stooping*), Vertigo.—(*Talking*), Hacking cough.—(*Tobacco-smoking*), Causes trouble,[1a]; **dry, hacking cough.*—(*Vinegar*), Feverish condition.—(*Walking*), Hacking cough; stitches in knee.—(*Wine*), The symptoms,[3]; sensation in head, etc.; pain in muscles of thigh.

Amelioration.—(*Open air*), Tensive pain in head; pressure in forehead.—(*Coffee*), The symptoms,[5]; itching in eye, etc.—(*After dinner*), Felt better,[2].—(*Eating*), ***Swelling in throat**; **pain in throat.*—(*Pressure*), Tensive pain in head.—(*Walking*), Paralyzed feeling.

LACHNANTHES.

Lachnanthes tinctoria, Ell.

Natural order, Hæmodoraceæ.

Common name, Red-root.

Preparation, Tincture of the whole plant.

Authorities. **1**, Dr. Lippe's provings, Am. Hom. Rev., 4, p. 458, W. Raue took 3d dilution (first and second days), 15th dilution (third day), 30th dilution (tenth day); **2**, Mrs. B. took 3d dilution (first day), 15th dilution (second day); **3**, Charles Raue took 3d dilution twice (first and fourth days), one drop of tincture (fifth day); **4**, Miss B. took 6th dilution, one dose of 2 pellets.

Mind.—Lively, singing, and whistling (first day),[1].—Towards evening he is in good spirits (third day),[1].—Low-spirited (after three-quarters of an hour, third day),[1].—Ill-humored and sleepy, at 5 P.M. (fifth day),[4].—Became much excited over a trifle; he had suppressed his anger, in the evening (second day),[4].

Head.—Vertigo. Giddiness in the head (after five minutes, third day),[1].—***General Head.*** Sensation of dulness in the head (second

day),[1].—Headache till 10 A.M. (sixteenth day),[4].—Headache, with pressing out of the eyes, in the forenoon (fourth day),[1].—[10.] Dull headache,[4].—Stinging headache every day for about four weeks (after twenty-four days),[4].—Headache in the morning, worse at noon; she becomes more giddy; in the evening the headache is a stinging pain; at 6 P.M. the head feels enlarged, and as if split open with a wedge from the outside to within; the body is icy cold, she cannot get warm, although one and a half hours under a feather bed; the whole face becomes yellow; she has to whine with the headache; the head burns like fire, with much thirst (eighth day); same attack, but less severe in the evening (ninth day),[4].—***Forehead.*** Dull pain in the forehead (after three-quarters of an hour, third day),[1].—Pain in the forehead (first night),[2].—Pain in the right side of the forehead, extending around to the right side of the occiput, when lying down in bed; shortly afterwards a dull pain over the occiput, which was followed by stiffness of the neck (fifth day),[1].—Dull headache in the forehead and temples (fifth day),[3].—Drawing of the skin on the forehead upwards, worse on the left side (after one hour and three-quarters, third day),[1].—Pain in the forehead, drawing from the right to the left side, better after eating, towards evening (first day),[3].—A continued stitch in the left part of the forehead from within to without (after fifteen minutes); the stinging changed in a few minutes into a pressing pain, and extended from the left part of the forehead to the right side, over the whole forehead, as if it were pressing from within outwards; the pressing pain in the forehead became a dull sensation, in the whole forehead (first day),[1].—[20.] Tearing in the forehead, from the left to the right side (after two hours, second day),[1].—Tearing in the forehead from the left temple to the right, in the evening; the tearing in the forehead continues all night, and awakens him several times from his sleep (sixth day),[1].—Tearing in the right side of the forehead down into the cheeks (after three hours and three-quarters, third day),[1].—Painful tearing in the forehead, in the open air (fifth day),[1].—***Temples.*** Pressing in the right temple (fifth day),[1].—***Vertex.*** Sensation as if the vertex was enlarged, and was extended upwards (after fifteen minutes, first day),[1].—On the left upper vertex pressing as by a finger (after one hour and a half, second day),[1].—Tearing in the vertex (after eight hours and a quarter, third day),[1].—***External Head.*** Sensation as if the hair was standing on end, worse on the occiput (after one hour and a half, first day),[1].—The whole scalp is painful when touched (after one hour and a half, second day),[1].—[30.] The scalp is very painful on the vertex (after first dose, fourth day),[3].—The scalp is very painful, especially when touched on the vertex (fifth day),[3].

Eye.—Objective. Bright, sparkling eyes (twelfth day),[4].—Secretion of white mucus from the eyes,[1].—Twitching of the canthus (twenty-fourth and twenty-fifth days),[4].—***Subjective.*** Dryness of the eyes (twenty-fourth and twenty-fifth days),[4].—Pressing in the left eye, in the afternoon (tenth day),[1].—Pressing in both external canthi, in the morning (third day),[1].—Pressing in the eyes, as from dust, first in the right and then in the left (after three hours and a half, first day),[1].—Pressing as from dust in the eyes, with secretion of white mucus from the eyes,[1].—[40.] Pressing out of the eyes, with headache, in the forenoon (fourth day),[1].—Pressing pain over the left eye, near the glabella (seventh day),[1].—The right eye begins to itch, but does not become red (sixth day),[3].—Itching in the left internal canthus of the eye (after one hour and a half, second day),[1].—***Brow.***

Drawing of the eyebrows and eyelids upwards, so that he looks with fixed eyes; even when he tries to bring them down with force, they continually go up again; this sensation lasts one hour (after three-quarters of an hour, second day),[1].—***Lids.*** The margin of the eyelids a little swollen, in the afternoon (fourth day),[1].—When closing the eyes, visible twitching of the upper eyelids; closing them firmly makes it worse (fifth day),[1].—Sensation of twitching in the upper eyelids (after three hours and a half, first day),[1].—The left upper eyelid, near the inner canthus, begins to itch in the afternoon; a small hard knot is formed on the spot, which becomes red (fifth day); the redness has extended farther, and is covered by little vesicles; they itch a great deal (sixth day); it has almost disappeared (tenth day),[3].—***Lachrymal Apparatus.*** Sensation in the left os lachrymale, as if something separated itself, afterwards extending from that part over the left eye into the left temple; behind the left ear a bruised pain (after one hour and a half, second day),[1].—***Ball.*** [50.] Sensation as if the eyeball was pressed together from below (after one hour and a half, first day),[1].—***Pupil.*** Pupils enlarged (after five minutes, third day),[1].—Pupils very much enlarged (after three-quarters of an hour, second day),[1].—***Vision.*** Dimness of sight (after half an hour, tenth day),[1].—Obscuration of sight, lasting from one to two hours (second day),[1].—If he moved his head quickly, his sight became quite obscure (after five minutes, third day),[1].—Sight became obscured (after five minutes); disappearing while walking about, returning after sitting down (after fifteen minutes, third day),[1].—Sight became obscure; if he looked intently on anything he saw gray rings, which were fixed to the spot (after fifteen minutes, first day),[1].—If he read any time, all became black before his eyes, and he had to look away (after two hours, second day),[1].—If he looked at any spot for some time, it became quite dark (second day),[1].—[60.] While reading, a yellow spot on the paper as large as a hand, which follows as he reads further on, in the forenoon (fifth day),[1].—When *reading MS.*, a small gray spot as large as a lentil is running before the left eye, but *not* when reading print or when sewing, from 2 to 5 P.M. (fifth day); also (twenty-fourth and twenty-fifth days),[4].

Ear. Tearing in the right ear (seventh day),[1].—Tearing in the left ear (fourth and seventh days),[1].—Tearing in the left ear, of short duration (after three hours and three-quarters, third day),[1].—While eating, crawling in the right ear (after two hours, second day),[1].—Tingling in the right ear (after one hour and a half, first day),[1].—Tingling in the left ear, relieved by boring with the finger, but it begins again immediately, and then the ear feels as if closed, with singing in it (after two hours, second day),[1].—Itching in the left ear, and soon afterwards in the right ear, towards evening (first day),[3].—Itching in the right ear; after introducing the finger and taking it out again, sensation as if cold air was rushing into the ear (fourth day),[2].—***Hearing.*** [70.] Singing before the left ear (after one hour and a half, first day),[1].—Singing in the right ear, while walking in the open air, in the afternoon (sixth day),[1].—Cracking in the right ear, followed by a sensation as if the ear would discharge (fourth day),[2].

Nose.—Objective. Coryza after the cough and sore throat, at night in bed (third night),[4].—Violent bleeding of the nose (half a pint); the blood is pale (sixth day); bleeding of the nose, but less violent, at 4 P.M. (seventh day),[4]. —***Subjective.*** Burning on the right side of the root of the nose (eighth day),[1].—A pressure as from a thumb on the right side of the nose

(after one hour and a half, first day),[1].†—A strong pressure on the left side of the nose (after one hour and a half, second day),[1].—Crawling in the left nostril (after one hour and a half, second day),[1].

Face.—The whole face becomes yellow (eighth day),[4].—[80.] Circumscribed redness of the face, in the afternoon (twenty-fourth and twenty-fifth days), at 8 P.M.,[1].—Pressing tearing in the left cheek, towards the eye, as if the eye would be pressed out (third day),[1].

Mouth.—Sensation as if the upper eye-teeth and incisors were loosened, with sensation of soreness, worse when closing the teeth or when touching them with the tongue (after eight hours and a quarter, third day),[1].—Pain in all the teeth whilst drinking coffee. (after three hours and a half, first day),[1].—Pain in all the teeth; they feel too long and loose, in the afternoon; toothache worse in bed (twentieth, twenty-first, and twenty-second days),[4].—Sudden pain in all the teeth, while eating broth at noon; pain in all the upper teeth after eating (sixth day),[1].—Tearing from the left temple down to the left molar teeth (after one hour, second day),[1].—On the left side of the tongue, far back, sensation as from biting on it (second day),[1].—Saliva thick and tough (after three hours and three-quarters, third day),[1].—Tincture tasted bitter (fifth day),[3].

Throat.—[90.] Scraping throat, with stinging when swallowing, sleeplessness, dryness increasing, afterwards hoarseness, at 10 P.M. (second day); throat is better, hoarseness continues till 2 P.M., followed by burning and itching on the right knee, which looks scarlet-red (third day),[4].—Sensation of swelling in the pharynx; an itching sensation there when swallowing (after three hours and a half, first day),[1].

Stomach.—Aversion to meat (twenty-fourth and twenty-fifth days),[4].—Much thirst,[4].—Sweetish rising of water, with nausea, at 4 P.M. (fourteenth day),[4].—Hiccough in bed, lasting half an hour (tenth day),[1].—Sudden qualmishness in the stomach (second day),[1].—When walking in the open air, sensation of squeamishness above the navel (after two hours, second day),[1].—Rumbling in the left side of the stomach, very soon; later in the left side of the abdomen, then as if it were in the large intestines low down; can hear it, but does not feel it (first day),[2].—Fulness in pit of stomach (fifth day),[3].

Abdomen.—[100.] In the upper part of the abdomen, one inch above the navel, turning and twirling (after two hours, second day),[1].—Cutting in the right upper side of the abdomen (seventh day),[1].—Cutting pain in the right side of the abdomen over the navel (after seven hours, third day),[1].—Rolling of wind in the abdomen (fifth day),[3].—Much rumbling in the abdomen (first night),[2].—Frequent rumbling and rolling in the abdomen (fourth day),[2].—Continuous rumbling and rolling in the abdomen (after three hours, second day),[2].—Much rumbling and rolling in the abdomen and discharge of flatulency (fifth day),[3].—Sensation of heat in the abdomen, with a sensation as if the bowels would be moved, soon; after a movement of bowels, the sensation decreased (first day),[2].—Cutting in the upper part of the abdomen from the left to the right side (first day),[2].—[110.] Sensation as if the bowels would be moved, but they were not (after each dose, fourth day),[3].—Sensation in the left groin as if wind was moving in it (after seven hours and a half, second day),[1].

Rectum and Anus.—A continuous stitch in the anus, in the fore-

† The prover had fallen when a child and broken the nasal bones, which had partly suppurated and left an indentation.

noon (first day),[1].—Slight inclination to stool (fifth day),[3].—Frequent inclination to stool without success (third and fourth days),[1].

Stool.—Bowels are much moved, evacuation natural, passes much wind and has to strain a great deal, at 5.45 P.M. (after a quarter of an hour); has usually one regular evacuation in the morning, none in the afternoon (first day),[2].—Bowels moved twice, morning and night (second day); twice in the morning (third day),[2].

Urinary Organs.—Pressing in the bladder during micturition (after two hours and a half, first day),[1].—Some drops flow out of the urethra, coloring the shirt red, during the night (tenth day),[1].

Sexual Organs.—Strong burning in the left half of the scrotum, extending towards the right side (after two hours, second day),[1].

Respiratory Organs.—[120.] Burning in the right side of the larynx (fourth day),[1].—Short cough, with sore throat, at night in bed (third day); worse in bed and preventing sleep (fourth and fifth days); slight (sixth day); a little, in morning (ninth day); some, in evening (tenth day),[4].

Chest.—Feels full in the chest, and this compels him to take a long breath (after three-quarters of an hour, third day),[1].—Felt hot in the chest and around the heart (after five minutes, third day),[1].—Awakens at 2 A.M. with a crampy pain in the chest extending from the right to the left side; afterwards pain in the forehead, with general heat alternating with the above-mentioned pain in the chest; at last it moves into the neck and shoulders (first night),[2].—Stitches in the left side of the chest (seventh day),[1].—Stitches as with a knife in quick succession, in the right side of the chest under the right breast; motion or rest has no influence; afterwards stitches as with knives in the region of the left collar-bone, after midnight (second night); again under the right breast, at 8 A.M. (third day),[2].—Boiling and bubbling in the chest and the region of the heart; it ascends up to the head and makes him quite giddy; breaks out into perspiration (after three-quarters of an hour, second day),[1].

Heart and Pulse.—Sensation of heat in the region of the heart, going and coming (after fifteen minutes, third day),[1].—When lying, he feels the beating of his heart to his head (after three hours and three-quarters, third day),[1].—[130.] Pulse 54, at 5 P.M. (fourth day),[1].—Pulse 58 (after six hours, first day); 60 (after one hour and a quarter, second day); 64, in the morning (third day),[1].—Pulse 60 (after three-quarters of an hour); 74, some beats are slow, others are fast (after one hour and three-quarters); 54 (after three hours and three-quarters); 68 (after six hours and three-quarters); 76 (after twelve hours and a quarter, third day),[1].—Pulse 84 (before taking); 80 (after twenty minutes); 72, after lying down and sleeping (two hours and twenty minutes after first dose, first day); 74 (on taking second dose); 58 (four hours after second dose, fourth day); 86 (fifth day),[3].

Neck and Back.—Neck. **Stiffness of the neck* (fifth day),[1].—Pain in the neck and shoulders (first night),[2].—Pain and stiffness in the neck, going over the whole head down to the nose, then like pinching the nostrils together (after one hour, second day),[1].—Pain in the nape of the neck, as if from dislocation, when turning the neck or bending the head backward (after two hours, second day),[1].—***Back.*** Burning in the spine, about four inches above the small of the back (after one hour and a half, second day),[1].—Sensation of pressure under the short ribs of the right side of the back, deepseated, while taking a long breath (after three-quarters of an hour,

third day),[1].—***Dorsal.*** [140.] Burning on the right shoulder-blade (eighth day),[1].—Stitches as from the stings of bees on the inner edge of the shoulder-blade (after two hours and a half, first day),[2].—***Lumbar.*** Burning in the region of the left kidney, deep internally, drawing towards the right side, soon after the burning in the juncture of the ilium with the sacrum (after three-quarters of an hour, second day),[1].—***Sacral.*** Burning in the os sacrum (after seven hours and a half, second day),[1].—Burning in the right side above the sacrum (fourth day),[1].—Burning in the spine four inches above the sacrum, in the forenoon (fourth and seventh days),[1].—Burning in the juncture of the ilium with the sacrum, deep internally, drawing towards the right (after three-quarters of an hour); soon after burning in the region of the left kidney, deep internally, drawing towards the right side (second day),[1].—Tearing in the right ischium (second day); deep inside (after three-quarters of an hour, third day),[1].

Extremities in General.—Tearing in the limbs (twenty-fourth and twenty-fifth days),[4].

Superior Extremities.—Tearing in the left upper arm from the elbow-joint to the shoulder-joint; it pains most in the elbow-joint (after five hours and a half, first day),[1].—[150.] Tearing in both elbow-joints, sometimes upwards, then downwards, frequently through the day (seventh day),[1].—Tearing in the left elbow-joint (after one hour, second day),[1].—Tearing in the right arm below the elbow (eighth day),[1].—It drew the left index finger crooked (after one hour and a half, first day),[1].—Tearing in the knuckles of the middle fingers of the right hand (tenth day),[1].

Inferior Extremities.—Thigh. Burning on the right thigh, far up on the inside (after three-quarters of an hour, third day),[1].—***Knee.*** Pains below the left knee-pan (seventh day),[1].—Tearing in the right knee, while walking (tenth day),[1].—Tearing in the right knee-cap (ninth day),[1].—Tearing in the left knee (tenth day),[1].—***Leg.*** [160.] Tingling in both lower legs and feet, through and through, but worse in the calf (second day),[1].—Tearing in the right tibia (eighth day); in the afternoon (fourth day),[1].—Cramp (spasm) in the right calf, in the morning when lying in bed (fourth day),[1].—***Foot.*** While running, suddenly a sensation as if the left foot was out of joint, so that he stumbles, afterwards tearing in the joint of the left foot (fourth day),[1].—Stitch behind the right external malleolus (after three hours, first day),[2].—Cramp in the left foot, continuing for half an hour, about 9 A.M. (sixth day),[4].—Cramp in the left foot, at night (seventeenth night),[4].—***Toes.*** Burning in the left big toe (after one hour and three-quarters, third day),[1].—Burning under the nail of the left toe (after one hour, first day),[1].—Tearing in the right big toe, waking him from his sleep (sixth night),[1].

General Symptoms.—[170.] Feels weak (ninth day),[4].—Restless, throws herself about (first night),[2].—Very restless while perspiring (eleventh night),[4].

Skin.—Objective. Appearance of some few little pimples in the bends of the elbows (fifth day),[3].—On the left gluteus muscle just on the point is formed a pimple with hard red circumference of the size of a penny, is very painful, when touched exceedingly sore, afterwards burning (sixth day); the pimple does not break, but is very painful (tenth day); a few more pimples formed around the gluteus muscle, they itch, and when opened by scratching ooze out some watery substance (eleventh day),[3].—On the forehead elevated red pimples (fifteenth day); they become larger and suppurate (sixteenth day),[4].—***Subjective.*** Itching and burning of

the skin, lasting all night, worse after scratching (third night),[4].—Stinging-itching all over, for one hour (thirteenth day),[4].—Sensation on the skin of the inside of the left lower leg as if blisters were bursting; soon after the same sensation on the right lower limb (after fifteen minutes, first day),[1].—Burning and itching on the right knee, which looks scarlet-red (third day),[4].—[180.] Burning-stinging in the left knee-pan of short duration (after seven hours, third day),[1].—Burning-stinging pain over the left knee-pan (after three hours); above the left knee-pan, on a spot the size of a cent (after nine hours and a half, second day),[2].—Tingling in the lower extremities (after fifteen minutes, third day),[1].—Tingling in the lower parts of both legs from the knees to the ankles (first day),[1].—Tingling and itching about the scrotum and around it (after three hours and three-quarters, third day),[1].—Itching as if deep within the right thigh (after one hour and a half, second day),[1].—Itching in the left tibia (after one hour and a half, second day),[1].—Crawling-itching on the left elbow-joint, soon afterwards on the right elbow-joint, continues for several days, and is worse in the evenings (fifth day),[3].—Stinging-itching on the lower side of the first joint of the right second toe, when lying down in the afternoon (fourth day),[3].

Sleep and Dreams.—Sleepiness. Drowsiness during the day (twenty-fourth and twenty-fifth days),[4].—***Sleeplessness.*** [190.] Cannot go to sleep early, contrary to his habit (fifth day),[1].—Awakens often during the night, contrary to his habit (second night),[1].—During the night she is overwakeful without much difficulty (symptoms?), (twenty-fourth and twenty-fifth days),[4].—Restless sleep at night, followed by perspiration (first night),[4].—Little and restless sleep, during the night (third night),[4].—No sleep before midnight (eleventh night),[4].—No sleep till morning, when she has feverish distressing dreams (eighteenth night),[4].—*Sleepless* (first eighteen nights, except sixteenth night, and twentieth, twenty-first, and twenty-second nights),[4].—***Dreams.*** Distressing dreams every night (fifth day),[4].—Dreams that she is spinning, and marked her yarn with red wool (first night),[2].—[200.] When sleeping, she sees all kinds of images (twenty-fourth and twenty-fifth days),[4].

Fever.—Chilliness. Body icy cold, she cannot get warm, although one hour and a half under a feather-bed; head burns like fire, with much thirst (during headache); (eighth and ninth days),[4].—***Heat.*** She feels hot and oppressed in chest, with mild perspiration all over, of short duration (after four hours and a half, first day),[2].—General heat alternating with crampy pain in the chest (first night),[2].—Burning heat, with redness of the face, more on the right side; after the heat had ceased *circumscribed dark redness of the cheeks*, worse on the right side, in the afternoon (twelfth day),[4].—Dry heat; the feet burn, she is restless, throws herself about; much rumbling in the abdomen (first night),[2].—Flushes of heat alternating with chilliness (nineteenth day),[4].—Feverish, at 8 P.M. (nineteenth day),[4].—Fever from 6 to 12 P.M., then better, with redness of the face, and more on the upper part of the face (twenty-fourth and twenty-fifth days),[4].—Burning in the palms of the hands and soles of the feet (twenty-fourth and twenty-fifth days),[4].—***Sweat.*** [210.] Breaks out into perspiration (after three-quarters of an hour, second day),[1].—Perspiration, following restless sleep (first night),[4].—Perspiration and itching of the penis and scrotum, for some days (fifth day),[1].—Much perspiration after midnight (eleventh night); continued perspiration, in the morning (twelfth day),[4].—*During the cold sensation, the skin is moist and sticky* (eighth and ninth days),[4].

Conditions.—Aggravation.—(*Morning*), Pressing in canthi.—(*Fore-*

noon), Headache, etc.; pressing out of the eyes, etc.—(*Afternoon*), At 5 o'clock, ill-humored, etc.; pressing in left eye; from 2 to 5 o'clock, when reading MS., spot before eyes; while walking in open air, singing in ear; redness of face.—(*Evening*), Itching in elbow-joint.—(*Night*), From 6 to 12 o'clock, fever; after midnight, perspiration.—(*Open air*), Tearing in forehead.—(*In bed*), Toothache.—(*While drinking coffee*), Pain in teeth.—(*Eating*), Pain in teeth.—(*Walking*), Tearing in knee.

Amelioration.—(*Towards evening*), In good spirits.—(*After eating*), Pain in forehead.—(*Walking about*), All symptoms; obscuration of sight.

LACTIC ACID.

Lactic acid, $C_3H_6O_3$.

Preparation for use, Dilutions.

Authorities. **1,** Dr. S. Swan, proving with the 15th dil., obtained from Dr. Reisig (*Note:* The preparation was doubtless sour milk, and not pure lactic acid), drop doses every hour for ten hours, N. Am. J. of Hom., 1871, p. 569; **2,** same, effects of 30th, in a lady-patient, reported by Dr. B. Fincke; **3,** same, effects of 30th, in Dr. B. Fincke (*Nos.* 4 *to* 18, *provings by T. F. Allen, with pure acid, N. Y. J. of Hom.*, 1, p. 337); **4,** J. H. Buffum, two doses of 30th dil.; **5,** W. H. T., 30th dil.; **6,** F. R., 30th dil.; **7,** R. S. M., 30th dil.; **8,** C. A. S., 30th dil.; **9,** J. P. W., 30th dil.; **10,** J. R. P., 30th dil.; **11,** B. W., 30th dil.; **12,** A. B. C., 30th dil.; **13,** D. A. Babcock, 30th dil.; **14,** Dr. Simmons, Jr., 30th dil.; **15,** A. W. J., two provings, each with one dose of 30th dil.; **16,** F. R., several doses of 1st dil.; **17** Blank, several doses of 1st dil.; **17** *a*, same, second proving; **18,** Dr. S., one dose of the $\frac{1}{10}$th; **19,** Miss Sarah Tremper, proving with 200th dil., drop dose every hour till effects appeared, from MS. by Dr. Swan, N. Y. J. of Hom., 1, 337; **19** *a*, same, proving with several doses of 1^m; **19** *b*, same, several doses of 10^m; **20,** a man suffering from diabetes took 15 drops four times a day; doses doubled next day; after three days, repeated the experiment; from Foster's Clinical Med., 1874, "the production of acute rheumatism by lactic acid;" **20** *a*, same, effect of 75 drops in course of twenty-four hours; **20** *b*, same, 30 drops in one forenoon; **21,** effects in another case of diabetes; from Foster.

Mind.—Exalted condition of the brain and special senses; memory improved (third day),[7].—Mind clear; everything seems very distinct (morning of second and fourth days),[9].—Almost impossible to write correctly; drops out words and misspells (second day),[4].—Memory seems affected; cannot remember anything an hour after it has happened; unusual (fifth day),[19a].

Head.—Vertigo. Vertigo at 8 P.M. (second day),[10].—Vertigo when turning the head suddenly; fulness of the head (second day),[1].—Vertigo, with heat in the head (third day),[10].—Vertigo and nausea on rising (third day),[10].—Vertigo, and sleepless at night (first day),[19a].—***General Head.*** [10.] Rush of blood quickly to the head on rising from a seat at 11 A.M.; everything turned black before the eyes, and she nearly fell down (sixteenth day),[19b].—Congestion of the head (thirteenth and fourteenth days),[19b].—Congestion of the head, painless, with strong pulsation of the vessels of the neck (5 P.M., third day),[7].—Sensation as if all the blood was trickling down from the front to the back of the head (tenth day),[19].—Lightness of head (twelfth day),[19].—Head dull all day, very nervous about it (seventh day),[19b].—Head dull and heavy, with occasional pain in the forehead and eyes

(second day),[19b].—Great pain in the head, worse on the left side, at 7 P.M. (second day),[10].—Heavy, dull pain in the head at 8 P.M. (second day),[10].—Fulness in the head, it feels too heavy, at 8 P.M. (third hour),[10].—[20.] Fulness, as if the top of the head would rise off (fourth hour),[10].—Fulness of the head all day; on stooping, it seemed as if the blood would spurt from the nose; relieved at 10 P.M. (twelfth day),[19].—Headache at the base of the brain, extending up and over to the vertex; relieved by pressing the head behind the orbits; with flushed face and rheumatic pains in the bones; aggravated by motion (fourth day),[7].—Head began to ache at 11 A.M., increased till 3 P.M., when it seemed as if it would burst (fifth day),[19a].—Slight headache during the evening; a dull pain on both sides of the forehead, with a sensation of fulness (second day),[16].—***Forehead.*** Slight pain in the forehead, and head is sore to the touch (fourth day),[19].—Slight pain in the forehead just over the eyes; the pain increased during the day, and at 8 P.M. it was felt all over the head and eyes; the rush of blood to the head and face caused a distressing fulness (ninth day),[19b].—Sensation of fulness in the forehead, as if the brain were too large, during the day (second day),[16].—Congestion, as if the blood would burst out of the forehead and eyes; and at 11 A.M., while sitting in church, felt as if the blood would spurt from the nose, and as if it were impossible to sit another minute (seventh day),[19b].—Dull pain in the forehead, with desire to close the eyes (second day),[1].—[30.] Dull, heavy pain across the forehead, extends into the left eye, as if behind the pupil (third day),[19a].—Pain in the forehead above the eyes; increased and became very severe at noon; head dull from 12 to 3 P.M., less severe after 1 P.M.; pain in the head grew worse, and seemed to go all through the head and eyes (fourth day),[19a].—Pain in the forehead just over the eyes, dull and heavy, from 12 to 4; it is sharp and severe, and extends into the left eye; ceased at 4 P.M. (first and second days),[19].—Sharp pain across forehead, painful to touch, with nausea (eighth day),[19b].—Sharp pain in the forehead just above the eyes; appeared in the evening, after the second dose, and lasted all night,[19a].—Headache in the forehead on waking, worse at 8 A.M.; continues at intervals all day (sixth day),[19].—Headache across the forehead, worse on the left side (sixth day),[19].—Headache in forehead over the eyes at 10 A.M. (tenth day),[19].—Slight headache across the forehead and eyes at various times during the day (first day),[19b].—Dull headache across forehead and eyes on waking, worse in the left eye (third, fourth, and fifth days),[19b].—***Temples.*** [40.] Pain extending from the ear to the temples and the top of the head (fourth hour),[10].—Throbbing in the temples, evening (second day),[10].—***Vertex.*** Full feeling across the top of the head at 10 A.M., increasing till 11 A.M., as if all the blood in the body were in the head and face; at 12.25 P.M. it was very severe, and extended into the eyes, worse on the left side; ceased at 10 P.M. (second day),[19].—Top of the head feels as if it would burst at 10 A.M. (fifth day),[19].—Sharp pain across the top of the head; it is sore to touch; the soreness did not continue long, but the head ached from 1 till 5 P.M. (fifth day),[19].—***Parietals.*** Pain in the left side of the head, and a lifting, as if the top were rising off (third day),[10].—Pain extending from the temple to the occiput, on the left side, on rising in the morning, with a feeling of weakness; soreness of the scalp; it smarts and burns (third day),[11].—***Occiput.*** Woke at 2 A.M. with pain at the base of the occiput and over the eyes; very restless till rising at 6 A.M.; mind clear, everything seemed very distinct (eighth hour),[9].—Slight pain in the back of the head, extending from the occiput to the top of the head, with roughness and constriction in the throat (sixth

hour),[9].—Dull, weighty pain in the occiput (first hour); on lying down for bed, the pain left the occiput and seated itself in the forehead, so severe as to keep him awake nearly two hours; on waking in the morning, the same pain in the forehead, with a tendency to close the eyes; at 2 P.M., the pain changed back to the occiput, the eyes still heavy; this continued in the occiput till lying down for bed, when it again changed to the forehead; next morning, well; on repeating the drug at 5 P.M., the pain returned in the occiput in two hours, and on lying down again, changed to the forehead; next morning, well; this was subsequently twice repeated,[13].—[50.] Severe headache in the left mastoid bone, extending obliquely across, by way of the occiput, to over the right ear (fourth day),[7].—Occasional slight darting pains, which start from the centre of the brain and move backward in straight lines to the centre of the occipital protuberance, aggravated by motion (first day, first and second provings),[15].

Eye.—Objective. Marked protrusion of the eyes, with dilated pupils (fourth day),[7].—***Subjective.*** Dull, heavy feeling in eyes, with tendency to close them, with the headache,[13].—Pain in the left eye and brow, extending across the forehead, continuing from 2 P.M. the rest of the day (fourth day),[19].—Pain in the eyes, worse on closing them, but nearly as severe on opening them (fourth day),[19a].—Sensation of fulness in the eyes, and a confused, bursting-out feeling on looking steadily at any object, especially a bright light; relieved by closing the lids; pupils dilated (first day),[15].—Eyes feel as if they would burst open or burst out of the head, worse on turning the head; lasted, very severe, all night (fifth day),[19a].—Congestion, as if the blood were forcing its way out of the eyes (second day),[19b].—Sharp pain in left eye, more while reading, with photophobia (fifth day),[19].—***Lids.*** [60.] Peculiar twitching across the right upper lid, about 10 A.M., transient; in the left eye at 11 A.M. (second day),[19].—Jerking of the left upper lid (third day),[11].—***Ball.*** Pressure on the cornea is very painful (fourth day),[19a].—***Pupil.*** Pupils somewhat enlarged, with slight pain in the balls (fourth day),[9].—Pupils dilated (fourth day),[7]; (first day),[15 10].—Pupils much dilated, attract attention, 6 P.M. (fifth day),[13].—Pupils dilated more afternoons and mornings,[15].—***Vision.*** Smoky appearance of the room (second day),[10].—Dark clouds pass before the eyes, cannot see the letters on the blackboard (second day),[10].—Feels for another step when at the bottom of the stairs (second day),[10].

Ear.—[70.] Cold spot over the right ear, it feels like a stone, evening (second day),[10].—Pain extends into the ear from the parotid glands,[10].—***Hearing.*** Singing and snapping in left ear (second day),[10].—Roaring in left ear on rising and in afternoon (third day),[19].

Nose.—Objective. A sore, like a cold-sore, inside the nostrils (fourth day),[9].—Discharge (from nose) white and frothy, a little thicker than water (thirteenth day),[19].—Catarrhus nasi, with copious thick, yellow mucous discharge,[2].—Nose bled a little at 8 P.M. (fourteenth day),[19b].—Bloody discharge from nose several times (seventeenth day),[19].—***Subjective.*** Nose stopped during morning (twelfth day),[19].—[80.] Nose very dry and burning (second day),[4].—Feeling as if blood would spurt from the nose (twelfth day),[19].

Face.—Face flushed with the headache (fourth day),[7].—Rush of blood to face and head (ninth day),[19b].—Pain extends from the left eye to the eye-tooth, like neuralgia (fourteenth day),[19a].

Mouth.—Tongue. Tongue coated thick white (first to sixth day),[19].—Tongue coated thick yellow (fourteenth day),[19 19a]; (third day),[19b].—

Tongue bright red on the edges, with a sore, raw sensation on the right side (fifth day),[5].—Tongue feels large, is coated white (third day),[15a].—Tongue sore on the left side, raw, and red,[17a].—***General Mouth.*** [90.] Mouth dry (third day),[15a].—Mouth dry and tastes like copper (third day),[15].—Roof of mouth dry; cannot keep the tongue from constantly moving over the roof of the mouth; sensibility increased; felt burnt (first hour),[4].—Mouth and fauces feel dry; constant inclination to swallow; not relieved by drinking (first hour),[4].—Great dryness in the mouth and throat (first hour),[10].—Mouth hot; the tongue seems to fill it up (fourth day),[15a].—***Saliva.*** Commenced soon to secrete large quantities of saliva, which in the morning was found to contain grayish lumps, afterwards the expectoration was yellowish, and tasted salty; this appeared to be secreted just inside the glottis (sixth day),[1].—Mouth constantly full of water, worse after each eructation,[18].—Saliva salt, like brine, continued several days,[18].—***Taste.*** Bad taste in the mouth (fifth day),[19]; (sixth day),[19a].—[100.] Taste fetid (third day),[10].—Peculiar taste on the tongue posteriorly, extending into the throat, with immediate accumulation of saliva,[3].—Taste acrid, with nausea, like copper (first hour),[10].—Taste metallic (first day),[15a].—Sour, metallic taste, lasts fifteen minutes after a dose, repeatedly,[14].—Taste like copper (third day),[15].—Taste like Lobelia or tobacco (first hour),[10].

Throat.—Sense of a plug in the throat, with scraping and dryness, a feeling like that from tobacco (second hour),[10].—Fulness in the throat, which keeps him swallowing frothy mucus; the lump or fulness feels like a small puff-ball; not relieved by swallowing (morning of fifth day); this returns in the evening after another dose, and is repeated after subsequent doses,[14].—Constriction and soreness of the throat, with difficulty of swallowing solids, at 5 P.M. (third day),[7].—[110.] Throat constricted and dry ("similar to Lachesis"), (second day),[9].—Throat constricted and rough, with pain in occiput, etc. (sixth hour),[9].—Constricted feeling low down in the throat, with slight nausea, causing a severe paroxysm of coughing (first hour),[8].—Neck feels too short by two inches (second and third days),[10].—***Uvula.*** Elongation of uvula (fifth day),[1].—***Fauces, Pharynx, and Œsophagus.*** Mucous membrane of fauces dry, red, and congested (third hour),[4].—Dryness of posterior fauces, with hawking of mucus from posterior nares (second day),[1].—Intense burning in the œsophagus after an eructation, with a qualmish feeling, and an increase of saliva,[18].—Fulness of the fauces, with intense burning in the throat, fauces, and œsophagus,[18].—Constriction in the fauces, with dull pressure; acrid taste, with nausea; mouth tastes like copper (first hour),[10].—[120.] Rawness of pharynx from posterior nares, left side, down to œsophagus, with sensation of a quantity of mucus lodged in the nares and larynx, causing hawking; hawking does not seem to relieve it entirely, a portion only of clear viscid mucus coming away (third and fourth days),[1].—***Swallowing.*** Swallowing solid food very difficult; it is almost impossible to force solid food into the œsophagus, semifluids more easily, and fluids easily swallowed (evening, second day),[12].—***External Throat.*** Pain in the submaxillary and parotid glands, a stiff feeling in the parotids, and a pain extending from them into the ear, at 8 P.M. (third hour),[10].—Strong pulsation of the vessels of the neck, with painless congestion of the head, at 5 P.M. (third day),[7].

Stomach.—Appetite. Appetite not very good, an apparent indifference to food; very little satisfies; what is eaten seems to sour on the stomach, with eructations and a great deal of flatus (fourth day),[9].—No appetite for supper (second day),[10].—No desire for breakfast; the stomach

seems to come almost up into the mouth; worse on sitting still (fourth day),[15].—***Thirst.*** Thirst but slightly relieved by drinking, in the evening (second day),[12].—***Eructation.*** Constant desire to eructate, which he dreads on account of the burning; worse from smoking,[18].—**Eructations of hot, acrid fluid, which burns from the stomach to the throat*,[18].—[130.] **Eructations of burning hot gas from the stomach, causing a profuse secretion of tenacious mucus, which must be constantly hawked up*; aggravated by smoking tobacco,[18].—Belching, with taste of ingesta (third and fourth day),[1].—***Nausea.*** **Nausea* (third day),[9].—Nausea all the morning, and till 3 P.M. (first day),[19].—Nausea on awaking, with a sensation of weight low down in the stomach, with pains in the head darting from the centre of the brain in straight lines to the occiput; pains predominate in the back of the head (second day),[15].—Nausea continues till 10 A.M. (fourth day),[15].—Woke suddenly at 5.30 A.M., with very much nausea, which increased till he vomits a thin, colorless, watery stuff; somewhat relieved after getting out of bed (fourth day),[15a].—Nausea, especially at 6 A.M., before rising; a faint, gone feeling low down in the stomach (first day),[15a].—Nausea on rising in the morning, with vertigo (third day),[10].—Nausea on rising in the morning; after eating, sick feeling, not amounting to nausea, with taste of food (third and fourth day),[1].—[140.] Nausea shortly after rising, lasts till 10 A.M.; it returned from 3 to 5 P.M., and again in the evening half an hour after eating (fifth day),[17].—Nausea, shortly after rising; relieved by breakfast; returned and lasted till 10 A.M. (sixth day),[17].—*Nausea came on half an hour after breakfast, not severe enough to cause vomiting, *but very persistent;* relief for an hour in the afternoon, but returned at 2 P.M., and continued till he fell asleep, at midnight (third day),[17].—Nausea at 10.30 A.M. (third day),[19a].—Nausea continues till 11 A.M., when it gradually wears away (fourth day),[15a].—Nausea during afternoon and evening (first day),[19b].—Nausea all the afternoon, but could not vomit (fourth day),[19a].—Nausea, with retching and waterbrash, after eating (second day),[1].—Nausea; unable to eat the usual breakfast, food seems loathsome; sickness, almost to vomiting; relieved after eating (third day),[15].—Nausea relieved by eating breakfast (third day),[19b].—[150.] Nausea, stinging pain in the stomach, whirling around at the pit of the stomach, with feeling of pressure (third day),[10].—Nausea and faint feeling, with a paroxysm of coughing as before (half an hour after another dose),[8].—**Constant nausea* all through the proving,[17a].—Constant nausea after 9 A.M., not affected by eating; appetite good (second day),[17].—Slight nausea, some flatus, and pain in the umbilical region (fourth hour),[9].—Slight nausea and a constricted feeling low down in the throat, causing a severe paroxysm of coughing (first hour),[8].—Nausea continues, and is aggravated by motion, especially on getting up in the morning, at 8 A.M. (second day),[8].—***Stomach.*** Faintness in the stomach, lasted about an hour, then gradually passed off, leaving nausea, at 2 P.M., one half-hour after a dose (second day),[8].—Heat in the stomach; gradually disappeared in a few minutes,[12].—Burning and weight in the stomach, aggravated by smoking,[18].—[160.] Fulness and heat at the pit of the stomach, with nausea and pain around the umbilicus (second day),[10].

Abdomen.—Umbilical and Sides. Pain around the umbilicus (second day),[10].—Stinging pain in left side of abdomen, running into the spermatic cord, in the morning (third day),[10].—***General Abdomen.*** Bearing-down pain in the upper part of the abdomen (second day),[19a].—Jerking and sharp cutting pain in the muscles of the abdomen; waked from sleep, with a scream, at midnight (second day),[10].—Stinging pain in

the muscles of the abdomen, at 4 P.M. (second day),[10].—***Hypogastrium.*** Pain across lower part of bowels on the right side (fourth day),[19].—Colic in the lower part of the abdomen, which nothing seemed to relieve; stool normal (second day),[4].

Rectum and Anus.—Protrusion of piles after a stool, very painful; had to sit down two or three times; could not walk (thirteenth day),[19b].—Severe aching pain in the anus, waking out of sleep; relieved by stool, at 2.30 A.M. (fourth day),[5].—[170.] Tenesmus (third day),[10].

Stool.—Diarrhœa, preceded by sharp pain across the lower abdomen (second day),[19a].—Diarrhœic stool, hurrying to the closet, without pain in the rectum,[17].—Loose bowels, with transient pain in the abdomen after the stool (fifth day),[19].—Soft stool, with hard lumps, in the evening (second day),[10].—Soft, mushy stool at 9 A.M., again at 2 P.M. and 6 P.M.; had hardly time to get to the closet (second day),[5].

Urinary Organs.—Bladder. Bladder feels sore, as though it had been overtaxed or strained; must keep bent forward to take off the pressure, in which position he feels much more comfortable (third day),[14].—***Micturition.*** Desire to urinate oftener than usual, but did not pass much at a time; urine high-colored,[17 17a].—Frequent desire to urinate (tenth day),[19].—Urine passed frequently and in large quantities (repeated through two provings),[14].—[180.] **Urinates frequently, day and night; the attempt to retain it causes pain*,[14].—Called out of bed at 3 A.M. to urinate; urine profuse and pale; urinated again at 8 A.M.; copious, light lemon-color (sixth day),[13].—Rises four times in one night to urinate; urine light straw-color (third day),[14].—Seemed to be fast turning to urine, and running away through his penis; had to stop proving; a renewal of the proving brings it on again, with the sore stretched feeling in the bladder,[14].—Before proving, troubled with a desire to urinate every half hour; since taking the drug, has urinated only four or five times in twenty-four hours,[11].—***Urine.*** Urine white and thick, in the morning (second day),[19b].—Urine high-colored, but clear (tenth day),[19].—Urine light-reddish, but clear (second day),[19]; (third day),[19b].—Urine somewhat increased; passed with difficulty (fourth day),[9].—Urine scanty and high-colored (second and third day),[10].—[190.] Urine normal in color and quantity, but has a greasy pellicle on the surface (first day),[4].—Urine cloudy and dark (first day),[4].

Sexual Organs.—Menses more profuse than usual; two days too early,[19a].—Menses scanty, seventeen days too late; in the morning had pain across the small of the back, and in the lower part of the abdomen; menses appeared at 11 P.M., with a very distressed feeling across the lower part of the abdomen; back pained all day and night; flow scanty and pale,[19].

Respiratory Organs.—Larynx. Dryness and burning of larynx (after twelve hours, second day),[1].—Dryness and rawness, extending to larynx, the rim of the glottis being particularly affected (fifth day),[1].—Rawness and swelling increased, with spasm of the glottis, awaking me from sleep and causing severe pain and suffocation (fourth night),[1].—***Voice.*** For an hour and a half after rising, my voice was *entirely without control*, whispering and squeaking when expecting to speak loud; croaking and deep voice; this continued more or less through the day (sixth day); and with the other symptoms gradually disappeared the day after,[1].—Some hoarseness; sensitive to the cold air; (here followed a cold, for which other remedies were taken), (second day),[9].—***Cough and Expectoration.*** Severe paroxysm of coughing, with slight nausea, caused by a constricted feeling low down in the throat (first hour),[8].—[200.] Spasmodic, ringing

cough, caused by irritation of the throat from hot eructations, aggravated by smoking tobacco,[18].—Dry cough all day (twelfth to fourteenth day),[19].—Secretion of and a hemming up of small lumps of tough mucus of grayish color (fifth day),[1].—***Respiration.*** Sawlike, rasping sound of respiration (fifth day), (took Bell. 1^{m}),[1].

Chest.—Left lung and back of the breast sore all day, but did not pain (fifth day),[19].—Pain in the lower part of the left side, extended around to the back, soon passed off, after eating, at 6 P.M. (fourth day),[19a].—Woke at midnight with a scream, and pain and cramp in the muscles of the left side, with jerking and sharp cutting pain in the muscles of the abdomen (second day),[10].—Sharp, transient pain in the lower part of the left side, at 10.30 P.M. (second day),[19].—At 9 A.M., a severe, sharp, cutting or sticking pain in the upper third of the right side; worse from motion; most relief from folding the arms across the chest; it becomes so severe that he is obliged to take Bryonia, which relieves him, but the side remains very sore; after another dose of Lactic acid, the pain and soreness returned; is compelled to keep the arm close to the side to avoid pain; it is very difficult to put his coat on or off; repeated in subsequent proving,[14].—Pain in the back part of right breast at intervals during the morning, till 11 A.M., when the pain extended to the axilla, which feels sore to the touch (fourth day),[19].—[**210.**] Pain in the back of the left breast, two or three times during the day (sixth day),[19].—Sharp pain in right breast at 11 A.M. (sixth day),[19].—Sharp pain darted through the lower part of the right breast at 1 P.M., and continued at intervals during the afternoon (fourth day),[19].—Sharp pain in back part of the left breast during the afternoon; at 6 P.M., a similar pain in the right breast, after which it felt sore to the touch; soon passed away (second day),[19].

Heart and Pulse.—Præcordium. The heart-sounds were clear (sixth day),[20a].—Slight depression and constriction in the cardiac region; relieved by bending the chest forward; in the forenoon (second day) and repeated,[12].—Sharp pain around the heart, causing palpitation, a few minutes after 11.30 A.M.; lasts till 2 P.M. (second day),[19].—***Pulse.*** The pulse rose 12 beats (after three days),[20a].—The pulse was 102 (sixth day),[20a].—Pulse 98, full and soft,[20b].—[**220.**] Pulse 96, full and soft,[21].—Pulse 90 and full (third day),[20].—Pulse 90, feverish (third day),[15].—Pulse 62, small and feeble (second day, half an hour after a dose),[10].

Neck and Back.—Rheumatic pain in the right side of the neck and right breast, worse from stooping the head; continued about an hour (sixth day),[19].—Great distress in the region of the kidneys (tenth day),[19].—Pain in the lower part of the back and head all night; the pain extended to the shoulders, especially the right,[19].—Pain in the small of the back at 11 A.M.; extends up the left shoulder and side of the neck; did not last long in the neck and shoulder, but continued in the back all day (second day),[19].—Pain in the small of the back about noon; continued all night (fourth and fifth day),[19b].—Pain in the small of the back all night, could hardly lie in bed (first and second day); extends to the shoulders (third day),[19a].—[**230.**] Pain in the region of the kidneys, from 11 to 12 A.M. (fourth day),[19].—On retiring, a severe pain in the left lumbar region, more a weak feeling, which is relieved by turning on to the side (first and second day),[4].—Aching in the lower part of the back, from 3 to 10 P.M. (first day),[19].—Sharp pain across the small of the back and shoulders, worse when walking (fifth day),[19].—Sore pain across the lower part of the back all day (second day),[19b].

Extremities in General.—The attempt to take the acid was always followed by pains in the joints,[21].—Pains in the joints, in the evening (second day),[20].—Severe pain in various joints,[21].—Acute pains in the joints and flying pains about the limbs,[20].—After taking it for a week in May, he was laid up with such severe joint-pains that I was called to visit him and found him in bed with pains in his elbows, shoulders, ankles, knees, and, as he said, all over him,[21].—[240.] He had a bad night from pains in the joints, which disturbed him very much, and which came on suddenly after midnight (fifth night); the next morning the metacarpophalangeal and first phalangeal articulations of the first and second fingers of each hand were found to be red, swollen, hot, and painful; the slightest movement aggravated the pain, and he could not on this account pick up anything with his fingers; the acid mixture was stopped, and in the evening the pain in the knuckles was less, and the redness was diminished; they were, however, still stiff; no other joints were affected (sixth day),[20a].—Elbows and knees painful and stiff,[20b].

Superior Extremities.—Shoulder. Pain in the shoulder on moving the arm, with soreness in the side (third day),[14].—Rheumatic pains in both shoulders, running up the muscles of the neck to the mastoid process, and into the ears,[17a].—***Wrist.*** Slight rheumatic pains in the wrist-joint (half an hour),[8].—Flying pains about the joints for four days, after which he was disturbed at night by severe pain in the right wrist, which in the morning was red, swollen, painful, and hot, and was a typical specimen of a rheumatic joint,[20b].—***Hand.*** Small joints of both hands, wrists, and in the last degree the elbows are red, swollen, and painful; they seem typical symptoms of acute rheumatic arthritis; in the evening both wrists, the small joints of the fingers and the elbows are all red, hot, swollen, tender, and painful (third day). Lactic acid was discontinued, the next day the joints were better,[20].—Pains returned in the knuckles in the evening; they were swollen, red, and tender,[20b].—***Fingers.*** Pain in the second joint of the right thumb, at 1 P.M., for an hour (second day),[19].—Index finger, right, swollen, two bright red spots on it, one between first and second, the other between second and third joints; the last itched once or twice during the day; from 2 to 10 P.M., it itched and burned like a beesting; on the fifth day it was sore between the first and second joints, but not red; between the second and third joints red, but not sore; the red spot looked like a blister,[19].—[250.] Right index finger felt sore between the first and second and also between the second and third joints; these pains continued during the proving, alternately appearing and disappearing,[19].

Inferior Extremities.—Thigh. Pain in the thigh, and stinging in the sartorius muscle (third day),[10].—Soreness to touch along the track of the right sciatic nerve, on getting out of bed; lasts all day, pulsating constantly, but slightly (fourth day),[17].—***Knee.*** A swelling or redness of the knees or other joints,[21].—None of the joints were swollen except the right knee, which was faintly red, decidedly swollen, and very tender and painful; the other joints were simply stiff and painful on movement,[21].—Weakness of the knees, and stinging in the joints (third day),[10].—Great weakness in the knees on going downstairs; feels for another step at the bottom, with vertigo (third day),[10].—He complained a good deal of pain in the knees, which had hitherto escaped (fourth day),[20].—Pain in the knees when walking; they cripple forward (evening, second day),[10].—Pain in the knee-joints similar to neuralgic pains, at times extending to the toes, with a thrilling sensation as if one's foot had been asleep (third day),[9].—[260.]

Pain in the patella (third day),[10].—Rheumatic pains, dull yet sharp, in the knee-joint on moving the leg, at 7 P.M. (third day),[8].—Sharp pain in the right knee, rendering the joint stiff and walking painful (fourth day),[21].—Stinging pain in the knees, and inside the thighs (fourth day),[10].—***Leg.*** Cramp in the calf of the leg early in the morning, before leaving the bed, also after rising a feeling of soreness in the part (third day),[9].—***Foot.*** Sensation as though the feet were perspiring, and the stockings soaked full,[17a].

General Symptoms.—Objective. Great jerking of the muscles, and rigor all over the body, in evening (second day),[10].—Spasm of different muscles; it is difficult to eat or write (second day),[10].—Weakness on rising in the morning, with pain in the head (third day),[11].—***Subjective.*** Sensitive to cold air, hoarse, etc. (second day),[9].—[270.] Very tired, felt as if he had walked a long distance, during and after motion (fourth day),[7].—Felt weak during the morning (fifth day),[19].—Felt sick all over; relieved by eating lunch, at noon (third day),[19a].—Rheumatic pains in the bones, worse on motion (fourth day),[7].

Skin.—Objective. Red spots on the left arm, left hip, left hand, in the morning (third day); on the scrotum, with itching (third day),[10].—Several distinct bright-red blotches (as large as a raspberry) on the anterior portion of the lower third of the left leg, with slight burning, but no itching, relieved by cold, and by passing quickly from warm to cold, or cold to warm; the eruption is brightest at 8 A.M., fades in the middle of the day, and grew lighter again during the evening; brighter on pressure (first and following days); eruption fades away from the periphery towards the centre; the centre remains bright till the fifth day, when it disappeared,[15]; in the second proving, these deep-red blotches reappear on both legs, and extend almost over the thighs and lower limbs, to which they are confined,[15a].—Elevations on the back like hives, with itching; also itching and redness on other portions of the body (eighth day),[6].—Eruptions on right arm and left leg, itch and burn,[11].—Papular eruption on the face and hands (fourth day),[9].—Small blisters on the hands,[11].—[280.] Erysipelatous redness of left cheek and left side of nose, with small sore vesicles on nose, in the morning (third and fourth day),[1].—***Subjective.*** Itching of the body on going to bed, on account of cold from the clothes (third day),[10].—Itching and burning on going out into cold air, with creeping and stinging in left half of body, left arm, hand, and leg, in the evening (second day),[10].—Itching is aggravated by scratching,[15].—Itching of the skin, relieved by scratching,[6].—Itching on different parts, chest, back, abdomen, and extremities (eighth day),[6].—Itching and redness, not on exposed parts of the body,[6].

Sleep.—Sleepless, with vertigo (first day),[19a].—Restless all night, could neither lie still nor sleep,[19].—Does not sleep well; restless; backache all night (sixth day),[19].—[290.] Did not sleep well; restless; seemed to have had dreams but did not remember them; tired on waking (fifth day),[19b].—Very restless at night (first day),[9].—Very tired on waking, with aching of the limbs, as if she had not slept any (second day),[19b].

Fever.—Chilliness. Cold and chilly at noon; transient (third and sixth days),[19a].—Shivering in the muscles, with burning and stinging in the left half of the body (third day),[10].—Rigor all over, with jerking of the muscles; cold feet; right hand cold, left hand hot; in the evening (second day),[10].—Feet cold, in the evening (second day),[10].—***Heat.*** The temperature showed no marked change until four or five days,

when it remained steadily at 99°, instead of varying as it had done for some time previous (after third day),[20a].—Temperature 99.2°,[20a].—The temperature, which on the previous evening had been 98.2°, had risen to 99.4° (sixth day),[20a].—[300.] Temperature in morning, 100°; in the evening, 101° (third day),[20].—Flashes of heat over the whole body; feverish (third day),[15].—Fever, with severe headache, from 1 to 4 P.M. (sixth day),[19a].—Slight fever, at 6 P.M. (fourth day),[19a].—Heat of the head excessive (fourth hour),[10].—Left side excessively hot, trembling in all the muscles, with nausea and vertigo, general sickness all over; he thinks he is proving tobacco, in the evening (second day),[10].—***Sweat.*** The skin was freely perspiring,[21].—Copious acid perspiration,[20b].—Sweating of hands and feet,[11].—**Unusual perspiration of the feet*, not offensive, so that by 6 P.M. he needed to dry his stockings; this was repeated for several days, beginning at noon,[6].

Conditions.—**Aggravation.**—(*Morning*), Nausea; weakness.—(*Forenoon*), Depression, etc., in cardiac region.—(*Noon*), Coldness.—(*Afternoon*), Fulness in top of head; dilatation of pupils.—(*Evening*), Dilatation of pupils; rigor, etc.; feet cold.—(*Motion*), Headache at base of brain; pain darting to occiput; especially getting up in morning, nausea; rheumatic pains in bones.—(*Reading*), Pain in eye.—(*Sitting still*), Feeling in stomach.—(*Tobacco-smoking*), Burning eructations; burning, etc., in stomach.

Amelioration.—(*Bathing*), Headache,[19].—(*Eating*), The symptoms,[15]; nausea.

LACTUCA.†

Lactuca virosa, Linn.

Natural order, Compositæ.

Common names, Poisonous Lettuce; (Germ.), Gift-Lattich; (Fr.), La laitue vireuse.

Preparation, Tincture (prepared from equal parts of the expressed juice of the herb and 80 per cent. Alcohol).

Authorities. (Nos. 1 to 37 from Journ. f. Hom. Arzneim., vol. 2, collection of Dr. Ed. Seidel.) **1**, "S," provings with tinct., 10 to 30-drop doses, and with 3 to 4-grain doses of the extract; **1** *a*, same, effects of teaspoonful doses of the fresh juice of L. sativa; **2**, Ernst, effects of 20 drops of tinct.; **3**, Espe, 10 drops of tinct.; **4**, Theile, 40 drops of tinct., and 2 to 4 grains of extract; **5**, Piper, 16 drops to ½ an ounce of tinct., and 10 grains of extract; **6**, Henke, 10 drops of tinct.; **7**, Netolitzky, 4 to 6 grains of extract; **8**, Helbig, 40 to 120 drops of tinct.; **9**, Preu, 5 to 10 drops of tinct.; **10**, a girl of twenty-six, 20 drops of tinct.; **11**, a girl of fifteen, 20 drops of tinct.; **12**, a girl of sixteen, 1–2 grains of extract; **13**, a girl of nineteen, 2 grains of the extract; **14**, a girl of twenty-two, 2 grains of extract; **15**, a woman of thirty, 2 grains of extract, and 20 drops of tinct.; **16**, Andry, Traité des Aliments de carme, from the exhalations; **17**, effects of 10–15 grains of Parisian Lactucarium, Rothamel, Heidelb. klin. Annal., 5, 2, 277; **18**, Tott, Lactucarium virosum, Rust's Mag., 43, 1, 138; **19**, Halle, Gift-historie, Berlin, 1787, p. 228; **20**, Gmelin, Geschichte der Pflanzengifte, 1777, p. 486; **21**, Vicat, Plant. ven. de la Suisse, p. 209; **22**, Wibmer, Wirk. der Arzn., 3. 3, p. 301; **23**, omitted; **24**, Dioscorides,

† Experiments with Lactucarium (the inspissated juice) are here included; the French Lactucarium is chiefly prepared from L. sativa, the German and English from L. virosa, the American from L. elongata. Fronmüller; Die Narkot. Arzneim., 1869.

Mat. Med., L. IV, c. 55; **25**, Plinius, Hist. Nat., xix, 8 et 18; **26**, Silesius, Kräuterbuch, 1577; **27**, Richter, Arzneim., 2, p. 605; **28**, Kolb, Bromatologie, 1829, p. 209; **29**, Burdach, Arzneim., 2d ed.; **30**, Sachs and Dulc, Arzneim.; **31**, Candon, Contr. Med., etc.; **32**, Voigt, Lehrb. d. Pharm.; **33**, Schrœder, Apothekerbuch, 1686; **34**, Francois, Rev. Med., 1824; **35**, Dierbach, Arzneikräfte der Pflanzen, 1831; **36**, Glaser, in Brandes Archiv, 18, p. 252; **37**, Ganzel, Diss. de Lactuca sativa, 1819; **38**, Austrian Soc. Allopath. physicians, Zeit. der Gesell. der Ærz. zu Wien., 1847, provings with the extract, ½ to 30 grains at a dose; **39**, Schroff, Lehrbuch der Pharm., experiments with $\frac{2}{10}$ dr. of Aust. Lactucarium; **40**, same, experiments on two persons with doses of 1½ dr.; **41**, Fronmüller, loc. cit., effects of doses of ½ to 62 grains of Lactucarium, Syrup. Lact. and Lactucin, in several cases; **42**, A. Boe, poisoning of a family by eating a salad of L. virosa, Bull. Gen. de Therap., from Biblioth. Hom., Aug. 1876.

Mind.—Emotional. Lively mood (secondary action),[39].—Merry delirium, which began about midnight and increased until morning; sang, jumped about on his bed, and played all sorts of antics (boy),[42].—In the evening after grief, stupefying headache, violent contraction in the larynx, inclination to weep caused by the grief; though Lactuca seems to cause sadness with exalted fancies, so that the worst fears and apprehensions are aroused by the merest trifles (after twelve hours),[9].—Internal uneasiness, anxiety (after eight hours),[6].—Extremely ill-humored from the slightest cause (second and third day),[1].—Fretful mood, with disinclination to work (second to eighth days),[6].—She is fretful, excited by trifles, and aroused to anger (first day),[14].—Very fretful but depressed mood (first day),[3].—Peevish mood (first day),[15].—***Intellectual.*** [10.] Unusual disinclination to work, ill-humor; it does not trouble him in bed (second day),[7].—Diminished power of thought (after a quarter of an hour),[22].—Mental labor cannot be accomplished; the thoughts become confused; or no connected train of thought can be carried on (first hours),[1].—Stupefaction,[40].

Head.—Confusion and Vertigo. Confusion of the head,[38 39 41]; in morning (second day),[4]; (second morning),[41].—Confusion of the head, lasting twelve hours,[9].—Confusion of the head in the morning, as after a debauch (second to fifth day),[1].—Confusion of the head, in the morning after rising, with pressing from within outward in the forehead and orbits (after eight hours),[1].—Confusion and dulness of the head (after one hour),[15].—Somewhat confused in the head (after one hour),[7].—[20.] The head is confused and heavy (second morning),[3].—Confusion in the forehead (after one hour),[5].—Confusion and a feeling of heat in the forehead (while bruising the fresh herb),[1].—Confusion in the forehead externally, alternately more sensitive, now in the right, now in the left frontal eminence; on stooping, there is at times short transient stitching through the left eminence (second, third, and fourth days),[6].—Confusion in the right side of the forehead, in the morning, for several minutes,[5].—The head is befogged, dizzy, though without impairment of the power of judgment,[9].—Vertigo,[40 41]; also from the exhalations,[16 20]; (from 10 to 15 grains of Parisian Lactucarium),[17]; (from Lactucarium Genuinum),[18].—Even the odor causes vertigo,[19].—Vertigo; it suddenly became black before the eyes; the threads ran together while sewing; but if she looked off of her work for some time vision became better (after half an hour, and recurring several times during the day),[13].—[30.] Vertigo in a warm room, with a feeling of too great fulness in the head (after half an hour),[1].—Vertigo and heaviness, especially in the occiput (soon after taking, and lasting a long time),[1].—Vertigo, together

with heaviness in the limbs,[1].—Slight vertigo (immediately),[1].—Whirling vertigo, lasting half an hour (after half an hour),[10].—Dizzy and confused in the head, as if she would fall; as if she had not slept through the night (soon),[11].—Dizzy and heavy, especially in the occiput (soon after taking, and lasting a long time),[1].—Somewhat dizzy in the head, in the morning on rising (second day),[4].—He became dizzy on suddenly moving the upper part of the body, in the forenoon (first day),[1].—Lactuca intoxicates from eating it, or even inhaling the fumes when cooking,[21].—***General Head.*** [40.] Heaviness in the head, with some transient stitches in the forehead, especially in the region of the left frontal eminence (after one hour),[2].—Headache, in the afternoon (first and third days),[5]; (first night and second morning),[41].—The head seems too large, distended, with slight vertigo (after a quarter and half an hour),[1].—Some headache, as if full and confused (after half an hour),[8].—Dull headache (after three hours),[2].—Dull headache lasts for a long time (after three-quarters of an hour),[22].—Dull headache, especially in the forehead (after two hours),[11].—Dull headache, with great indolence and physical prostration (first day),[13].—The head is very painfully shattered by slight cough, so that a whirring and pressing remain in it for a long time afterward (first day),[1].—A waving pulsating sensation in the head, while at rest in the forenoon (first day),[1].—[50.] Shaking and swaying in the brain on every motion of the head, so that it threatened to make her dizzy, and she was obliged to close her eyes in order to relieve it; for a short time (after one hour),[14].—***Forehead.*** The forehead is hot, with burning pressive pain in it, in the evening (first day),[3].—Transient frontal headache, in the morning on waking (second day),[1].—Drawing pain in the forehead,[38].—Indefinite, transient, drawing headache, extending from the temples toward the forehead (after a quarter of an hour),[4].—Slight pressure in the frontal region gradually increases, and becomes at last decidedly painful (after ten minutes), (from 2 grains of the extract),[22].—Pressive pain in the forehead, aggravated by the warmth of the room (after four hours),[3].—Sticking pressive pain in the forehead, as from a dull knife (after twelve hours),[3].—Some dull jerks in the frontal region, the first hour,[1].—Pressive frontal headache after slight mental exertion, involving the eyes (after twelve hours),[1].—[60.] Pressive frontal headache constantly becomes prominent, accompanied by a feeling as if the whole brain were loose (after two hours),[9].—***Temples.*** Dull pain within the head, in the fore and upper part of the left temple, on violently moving the head sideways while washing the face, aggravated on each renewed shaking of the head; lasting in a slight degree, aside from this motion, for two hours (after a quarter of an hour),[7].—Pressive pain from within outward in both temples,[1].—Constant pressing outward pain in the left temporal region, sometimes shooting through the whole head (after ten hours),[1].—Tearing pain in the right temporal region (after three hours),[1].—***Vertex.*** Pain in the region of the vertex (after half an hour),[5].—A small spot on the vertex is painful more externally (clavus hystericus), in a woman of 25 (after two hours),[9].—***Parietals.*** A seated dull pain in a small spot on the left parietal bone, in the afternoon (first day),[15].—Extremely painful drawing in a small spot on the right parietal bone, which is also painful to touch, in the afternoon (first day),[1].—Sharp pressive pain in one side of the head, as if on the bone (after three hours),[6].—***Occiput.*** [70.] Heaviness and pressure in the occiput,[1].—Indefinite painful sensation in the occiput, and here and there in the head, the whole forenoon,[5].—Dull pain and heaviness in the occiput (after one hour),[1].—Pressive tense feeling in the occiput, with heat in the

forehead and cold hands (first hours),[1].—Compressive pain in the occiput,[1].—A pressive heavy feeling in the occiput, the whole afternoon (first day),[1].—***External Head.*** A small painful spot suddenly appears near the crown externally, which is still more painful when touched (after five hours),[1].

Eye.—Weakness of the eyes (soon),[1].—Weakness of the eyes for a few minutes, during the first hours,[15].—Slight transient burning in the eyes,[1].—[**80.**] Biting in the eyes, especially in the external canthi, so that she is obliged to rub them much, which, however, makes them worse,[8].—Biting pain in the left inner canthus (after one hour),[1].—***Brow.*** Transient griping above the eyebrows (after a quarter of an hour),[1].—Extremely acute pressive pain in the glabella, lasting ten minutes (after ten and fourteen hours),[6].—***Lids.*** Margins of the lids covered with mucus (first and second days),[6].—Slight burning in the lids during the day, while writing (first day),[1].—Burning pain in the lids, especially of the right eye, with dimness of vision and dilated pupils (first and second days),[1].—***Ball.*** Pressive pain, with a feeling of tension in the right eyeball (soon),[1].—***Pupil.*** Dilatation of the pupils,[40 41]; (6 to 8 grains of Paris Lactucarium),[17].—*Pupils very much dilated;* in the boy especially the iris was almost invisible (second day),[42].—***Vision.*** [**90.**] Vision became dim, with burning in the eyes,[1].—Weak dim vision (from frequent eating of lettuce),[24].—Vision impaired; the eyes seem clouded, but the film disappears on looking intently at anything (after half an hour),[9].—Vision is periodically and momentarily obscured by a slight film, in the forenoon (first day),[1].—He seeks here and there before he can find anything (after a quarter of an hour),[7].—After closely examining the capital letters in a newspaper he mistook M for P, and O for V, and the effort to read caused strong congestion of the eyes (boy; second day),[42].—Unable to distinguish anything. On trying to read could not make out a single letter, large or small (man and woman; second day),[42].—On stooping, muscæ volitantes, after dinner (after five hours),[6].—Visual hallucinations (in delirium); fancied he saw an inkstand, a soldier, etc., on his bed (boy; second day),[42].

Ear.—Alternating drawings in the ears,[1].—[**100.**] Some dull stitches, followed by tension in the left ear (after ten hours),[1].—***Hearing.*** Slight humming and feeling of fulness in the head and before the ears (after half an hour),[15].—Roaring in the ears,[9]; (first night),[41].—Violent whirring before the ears, in the evening in bed (first day),[1].

Nose.—Frequent sneezing, which aggravates the chest-troubles (fifth day),[3].—Catarrh, leaving soreness in the nose, with dryness,[1].—A peculiar pressing-asunder pain in the tip of the nose, in the afternoon (third day),[5].—A peculiar indescribable odor before the nose, with a similar taste in the mouth (first day),[4].

Face.—Sickly expression (after several repetitions of 6 to 8 grains of Parisian Lactucarium),[17].—Face pale, distorted,[18].—[**110.**] Tense crawling sensation in the face (after a quarter of an hour),[1].—Swelling of the lymphatic glands in the lips (second day),[9].—Fine twitching in the lips (after eight hours),[1].—Stitches extending sideways in the chin (at the exit of the submaxillary nerve), (after half an hour),[9].

Mouth.—Teeth and Gums. Pain suddenly appearing in the left lower back teeth, as though a diseased tooth were twisted about,[8].—Aching of the gum in a cavity while chewing (third to eighth days),[6].—***Tongue.*** Tongue coated white,[18]; (first and second days),[6].—Tongue thickly coated with mucus (from 10 to 15 grains of Parisian Lactucarium),[17].—Constriction beneath the tongue (as after ink), (soon),[5].—The tip of the tongue

pains as if burnt (soon after, and second day),[4].—***General Mouth.*** [120.] Dryness of the mouth,[39]; without thirst (after four hours),[3].—Tension in the posterior portion of the mouth, and especially of the palate, which constantly obliges spitting of saliva,[6].—***Saliva.*** Accumulation of saliva (after a quarter of an hour),[9].—Greater secretion of saliva than usual in the mouth,[1].—Saliva increased, acid (after one hour),[1].—***Taste.*** Flat taste (from 10 to 15 grains of Parisian Lactucarium),[17].—Bitter taste (after a quarter of an hour),[5].—Bread and butter leave a bitter taste in the mouth (after three-quarters of an hour),[1].

Throat.—Tenacious mucus accumulates in the throat, in the morning (first days),[1].—Slight burning in the throat (soon after taking),[15]; towards evening (first day),[4].—[130.] An unpleasant feeling in the throat, as if the part had been exposed to too great heat of the stove (after six days),[3].—Rawness in the throat, after lecturing (after twelve hours),[9].—Some rawness and scraping in the throat (after one hour),[15]; and in the afternoon (first day),[1].—Mucus accumulates in the fauces (after one hour),[9].—Swallowing is difficult, with a feeling of burning and rawness on the uvula,[4].—Swallowing is difficult, not as from an obstruction in the pharynx, or from a constriction, but because the pharyngeal muscles refuse to act (after a quarter of an hour),[9].—Sticking-drawing pain, extending from the right submaxillary gland to the tongue and ear (after three hours),[8].

Stomach.—Appetite. It caused appetite,[25].—Increased appetite (fifth day),[3]; at noon,[10].—Appetite and loss of thirst (third day),[6].—[140.] Diminished appetite at noon (second day),[2].—Loss of appetite (from 10 to 15 grains of Parisian Lactucarium),[17].—No appetite,[12].—No appetite at noon, eating is repugnant to her (first day),[11].—Appetite for bread and meat fails (third day),[6].—***Thirst.*** Increased thirst (first day),[1].—Much thirst the whole day, beginning in the morning after rising (fifth day),[3].—***Eructation.*** Eructations,[5 39].—Frequent eructations (first day),[1]; during the day,[11].—Frequent eructations (tasting somewhat of the bitterness of the extract), lasting only a short time,[7].—[150.] Frequent eructations, at first without relief, afterwards with relief of the tightness of the chest (soon after, and frequently during the day),[14].—Slight eructations,[25].—Frequent eructations of air (after one hour),[7]; (first day),[12].—Frequent disagreeable eructations, which cause a transient feeling of coldness along the œsophagus, and leave a long-lasting bitter taste (first day, and soon after taking),[1].—Acrid eructations several times during the afternoon,[1].—Acid, acrid eructations (after half an hour),[1].—***Nausea and Vomiting.*** Nausea,[18]; (2 scruples of Lactucarium),[27]; soon,[4]; (after a quarter of an hour),[5].—Nausea and eructations (soon),[38].—Nausea and vomiting (from large doses of Lactucarium),[35].—Nausea and vomiting, continuing all night (man, after four hours),[42].—[160.] Nausea, with oppression in the pit of the stomach, in the morning (after eight hours),[1].—Some nausea (after one hour),[11].—Frequent nausea (from 10 to 15 grains of Parisian Lactucarium),[17].—Qualmish sensation in the stomach,[12].—Qualmish sensation in the abdomen (second morning),[9].—Feeling of qualmishness in the chest, from afternoon till evening (first day),[10].—Inclination to vomit,[18].—Vomiting of ingesta (woman, after twelve hours),[42].—***Stomach.*** *The pit of the stomach is retracted, and there is a slight pain in the stomach, which is aggravated by pressure* (after half an hour),[5].—*Feeling of warmth in the stomach, soon after taking, accompanied by nausea rising into the throat, and a flat taste at the root of the tongue, which within a quarter of an hour changes to icy coldness of the stomach and throat*,[5].—[170.] Feeling of coldness of the

stomach (from Lactucarium),[32].—Crawling cold sensation in the pit of the stomach and epigastric region, with frequent eructations (after half and one hour),[13].—A not unpleasant feeling similar to coldness in the epigastric region (after half to one hour),[1].—Constant sensation like that felt after sitting long bent in an unusual position, in the epigastric region and sternum (after twelve hours to eight days),[6].—*Tightness in the pit of the stomach, followed by true præcordial anxiety*,[8].—Pressure in the stomach,[28].—Pressure in the stomach (from 10 to 15 grains of Parisian Lactucarium),[17].—Pressure in the stomach, without having eaten anything (second morning),[3].—Pressure and fulness in the pit of the stomach (first day),[1].—Violent pressure in the stomach, with fulness as if it would burst (after one hour and a half); then crawling beneath the right mamma, and a sensation as though a bladder formed, like a distension and pressing outward, of the size of the palm of the hand; followed for some hours by a desire for stool, which does not take place; after an injection of water, two quite solid masses of fæces are evacuated,[8].†—[180.] Violent pressure in the region of the cardiac orifice of the stomach (after one hour and a half),[3].—Pressive pain in the pit of the stomach, with difficult respiration (after fourteen hours),[3].—Stitches at the entrance of the stomach (after one hour),[9].—The stomach was relieved by the emission of offensive flatus (after one hour),[9].—Standing bent over relieves the stomach (after half an hour),[9].

Abdomen.—Hypochondria. The hepatic region is swollen; external pressure causes tensive pain (second day),[3].—Liver swollen hard, so that it cannot remain under the short ribs, with slight pressive pain (third and fourth days),[3].—Pinching in the left hypochondrium, for several hours in succession, especially during rest,[8].—A dull pressure in the right hypochondrium, in the evening (first day),[15].—A sudden stitch through the right hypochondrium, after eating,[8].—[190.] Several dull stitches and a feeling of heaviness in the right hypochondrium (first day),[14].—Sharp stitches in the right hypochondrium, extending to the back, which leave behind a dull sensation (after half an hour),[1].—Some dull jerks in the hypochondria, especially in the right (first day),[1].—Dull jerks and stitches in the right hypochondrium, seldom in the left (first day),[1].—Burrowing pain in the hepatic region (after eleven hours),[3].—Periodic drawing in the hepatic region (after five days),[1].—Pressive pain in the hepatic region (after two hours),[3].—Bruised feeling in the hepatic region, in the morning (fourth day),[1].—A violent stitch shoots through the region of the spleen several times (fifth day),[1].—***Umbilical.*** Periodic griping above the umbilicus; worse when the legs are crossed (first, second, and third days),[1].—[200.] Sensitiveness of the umbilical region (soon),[38].—***General Abdomen.*** Distension of the abdomen (soon),[38].—Diminished peristaltic action of the bowels,[38].—Some rumbling in the abdomen (soon),[1].—Rumbling in the abdomen, chiefly in the umbilical region (after one hour),[3].—Rumbling in the abdomen during dinner (first day),[1].—Rumbling in the abdomen after dinner, and some dull stitches in the præcordial region (first day),[14].—Rumbling in the abdomen soon after eating, also with slight griping (first day),[1]; with eructations affording little relief, and gurgling in the stomach, borborygmi in the abdomen and emission of flatus, affording more relief; pressure in the pit of the stomach changes to anxiety, concentrates itself more

† From one grain of alcoholic extract of Lactuca, in water, given to a woman of sixty, who had not recovered from an inflammatory attack in the chest, followed by cough, with pain in the scrobiculus.

under the sternum, and constantly alternates with burning and a feeling of coldness (after half an hour),[9].—Flatulence,[28].—[210.] Flatulence moving about in the abdomen (first day),[12].—Several emissions of flatulence in the evening, which had previously caused griping in the abdomen (third day),[1]. —Emission of much offensive flatulence, which first rumbles about the abdomen (third day),[3].—Disagreeable feeling of warmth in the abdomen (fourth day),[3].—Feeling of fulness in the abdomen (after two hours),[9].—*Feeling of fulness in the abdomen, especially in the right side, which impedes respiration; relieved by discharge of flatulence upward and downward* (first day),[1].—Feeling of fulness in the abdomen, with periodic rumbling and some emission of flatulence (after half an hour),[14].—The abdomen is tense, especially in the hepatic region, the whole evening (first day),[3].—A painful pinching sensation in the abdomen, during and after breakfast (after half an hour),[1].—Griping in the abdomen, with urging to stool, but only flatulence passes, in the forenoon (second and third days),[1].—[220.] The griping and cutting in the upper abdomen are worse during and after dinner, and oblige him to bend together (second day),[1].—Transient griping in the upper abdomen, in the morning in bed (after eight hours),[1].—Dragging downward, heavy sensation in the abdomen, after breakfast (after three-quarters of an hour),[1].—Feeling as if a weight were lying upon the abdomen, especially upon the umbilical and epigastric regions; worse while standing (after nine hours and second day),[6].—Violent cutting, with painful rumbling in the whole abdomen, followed by diarrhœa-like, slimy evacuations (after six hours),[8].—Fine cutting and griping in various places in the abdomen (second and third days),[1].—Violent colic (man and woman, after four hours),[42].

Rectum and Anus. — Several hæmorrhoidal tumors about the anus, with a sensation of twinging in the rectum; after the discharge of a hard stool there always follows a somewhat thinner stool; lasting eight days.† —Transient drawing in the anus (first day),[1].—Pressing in the anus, after a soft stool,[1].—[230.] Some prickling in the anus, towards evening (first day),[4].—Desire for stool, which however does not take place (first day),[12]. —Stool preceded by urging and griping (after two hours and a half),[1].

Stool.—Diarrhœa. Evacuations of the bowels are rather promoted than retarded,[30].—Diarrhœa,[18 26].—Sometimes diarrhœa (from Parisian Lactucarium),[17].—(The customary obstructio alvi was lessened),[2].—The evacuations of the bowels become smaller (mushy), and take place more frequently than usual; two to three times in twenty-four hours,[1].—It causes easy stools,[29].—Easy stool, though no diarrhœa,[32].—[240.] Two soft stools (first day),[15].—Two pasty evacuations, contrary to habit, during the first twenty-four hours,[14].—It obliges him to go to stool, with a feeling of great weakness; only a little is passed with difficulty (after two hours and a half),[1].—Stool with a feeling of general weakness and weariness, so that he was unable to sleep; yawning and accumulation of water in the mouth (after half an hour and one hour),[1].—Frequent urging to stool, followed by stool with hard pressing, and succeeded by bruised pain in the anus (sixth day),[1]. —Stool hard (after twenty-four hours),[8].—Stool at the usual time, but hard; for several days,[6].—Stool hard and dry, only resulting after long pressing (three to six days),[4].—***Constipation.*** Sometimes causes constipation (Parisian Lactucarium),[17].—Constipation for two days, followed

† From 5 drops taken three days in succession by a man suffering from complete amaurosis for three years, but otherwise healthy.

by a very hard and lumpy stool, with burning in anus (fourth day),[3].—[250.] Stool scanty and dry,[38].—Insufficient stool (second day),[1].—Delayed, hard stool (second and third days),[1].—Stool more seldom, and harder than usual,[7].—Stool, which usually occurs regularly in the morning, occurs twelve hours later, and is harder than usual (second day),[15].—Stool omitted (first day),[13].—Stool entirely wanting (fourth day), and only follows after forty-eight hours; is hard and passed with pressure,[1].

Urinary Organs.—Bladder. The increased amount of urine that has collected presses and drags upon the bladder, during the morning hours (first to fourth day),[1].—Twinging pressing sensation in the region of the bladder (second day),[1].—***Urethra.*** A constant sensation while sitting still as though a drop were flowing through the urethra (the whole second forenoon),[6].—[260.] Slight burning in the urethra, especially in the orifice (first and second days),[1].—Urging to urinate, with periodic drawing in the glans penis, which shoots through the whole body (after eight hours),[1].—It increases the discharge of urine,[29 41].—Is obliged to urinate more than usual,[8].—Very frequent discharge of urine clear as water (first and second days),[4].—***Urine.*** Urine increased and more frequently voided,[10].—Urine increased during the first twenty-four hours,[7].—Urine increased in quantity and more frequently voided; she is even obliged to rise at night on account of it, contrary to habit,[14 15].—*Increased secretion of urine* (first day),[1].—Secretion of urine increased without being obliged to pass urine more frequently than usual (fifth and sixth days),[1].—[270.] Copious secretion of urine,[32].—More frequent and profuse discharge of clear urine (after six to twenty hours),[1].—It increases the diuresis,[30].—*Increased diuresis*, lasting several days (after several hours),[5].—Diminished secretion of urine,[41].—Urine yellowish, clear, smelling of violets,[5].—Urine brown, hot, and causing burning in the urethra (second day),[6].

Sexual Organs.—Male. Persistent swelling of the lymphatic vessels of the penis after erections in the morning (second day),[9].—Painful erections during the morning sleep (first day),[1].—Dull drawing at the root of the penis (second and third days),[1].—[280.] Sharp drawing in the right spermatic cord and down the inner side of the leg (second day),[4].—Desire for coition seems increased,[1].—(It removes lasciviousness and voluptuous dreams),[25].†—Emission (third night),[1].—Emissions twice during sound sleep, without his knowledge (first night),[1].—***Female.*** It promotes menstruation,[24 31].—Menstruation six days too early,[13].—Menstruation occurs four days too early, with some cramplike pain in the abdomen,[15].

Respiratory Organs.—Larynx and Trachea. Feeling of dryness and scraping in the larynx and upper part of the chest,[7].—Feeling of scraping disappears, while the feeling of fulness in the trachea continues,[7].—[290.] On bending the body backward, the fulness in the trachea is somewhat relieved,[7].—Rawness in the larynx (after one hour),[9].—Rawness in the trachea obliging deep breathing (after one hour),[7].—***Voice.*** Greatly increased register of the voice (after twelve hours),[9].—Hoarseness,[39].—Hoarse and raw in the throat in the morning (second day),[5].—Hoarseness in the evening (first and second days),[5].—***Cough and Expectoration.*** Some cough, with a dry, burning sensation in the throat (fifth day),[3].—Periodic cough in short paroxysms, shaking the abdomen (first and second days),[15].—Frequent cough (second day),[4].—[300.] Tickling in the throat provoking frequent cough (second day),[1].—Tickling in the throat

† From the seeds of Lactuca, in wine.

provoking frequent cough, with a feeling of constriction over the whole chest (first and second days),[14].—***Incessant spasmodic cough, which threatens to burst the chest***; *it is always caused by a peculiar tickling in the fauces, which in turn seems to be produced by a sensation of suffocation in the throat* (third to eighth day), (and lasting still longer at times),[6].—It provokes a hacking cough at times (soon),[7].—(The cough, which before the proving had been easy and loose, changed to a dry, barking, painful cough), (second day),[4].—Some dry cough now and then (first two days),[11].—**Dry cough in short paroxysms, with shaking of the chest and occiput* (after one hour),[9].—Hollow, dry, spasmodic cough in the forenoon (third day),[6].—(The dry cough which he usually had before the proving, especially on change of temperature, almost entirely disappeared),[1].—The cough becomes more violent, the paroxysms longer, and with expectoration of mucus (after two hours),[9].—[310.] Free expectoration,[32].—Much mucus is expectorated by the short cough (first day),[12].—***Respiration.*** Increased frequency of respiration,[41].—Respiration 27.2 (before taking), 27.8 (after taking), 27.3 (next morning), (average of all cases),[41].—Inclination to take a deep breath,[5].—Frequent inclination to take a deep breath,[2].—Frequent desire to take a deep breath while sitting with the body bent forward (after one hour),[1].—Constant hunger for air (after half an hour),[9].—Little sleep, on account of difficult breathing; griping and pressive pain in the chest (second and third nights),[3].—Shortness of breath lasting twelve hours,[9].—[320.] Short and difficult respiration,[18].—Tightness of breathing, heaviness upon the chest, lasting two days,[11].—Oppressed respiration (from 10 to 15 grains of Parisian Lactucarium),[17].—Oppressed respiration, with frequent desire to take a deep breath (first and second days),[1].—Dyspnœa and suffocation, somewhat as after inhaling acrid vapor, with dry, hollow hacking, in the evening after lying down (second to fourth day),[6].—While walking and standing it seems as though the breath could not be expired, in consequence of an almost spasmodic constriction in the umbilical and epigastric regions; is frequently obliged to take a deep breath (after nine hours to two days),[6].

Chest.—Feeling of heaviness of the chest, in the evening, with a feeling of filling of the air-passages (after twelve hours),[7].—Pain in the left chest, aggravated by the short hacking cough; the same sensation in the right half of the chest was also caused by coughing (after three hours),[7].—Sensation after waking, in the lower anterior portion of the thorax, especially the left side, like that felt in the muscles after physical exertion (second day),[7].—The whole chest is full, painful, as if beaten, with slight trembling in it (after one hour),[1].—[330.] The feeling of fulness in the chest increases towards evening (first day),[3].—Feeling of anxious fulness in the chest (after four hours),[3].—Feeling of tightness in the chest, which is felt about the heart, in the afternoon (first day),[10].—Feeling as though the thorax were too tight and constricted (fourth day),[3].—Wakes from sleep several times at night on account of great tightness in the chest, so that he suddenly rises up anxious, and in the morning is very tired (first night),[1].—A sensation of orgasm in the chest suddenly causes a transient tightness, with subsequent spasmodic pain in the chest externally (first day),[1].—Readily attacked by orgasm and tightness of the chest after moderate exertion,[1].—*She feared to take a deep breath on account of tightness in the lower portion of the chest; there was then felt a slight shock* (after two hours and a half),[8].—Frequent alternations of tightness in the chest, heaviness on the chest and need of deep breathing; yawning and stretching relieved for the moment,[1].—*He is sometimes awakened from sleep at night*

on account of great tightness of the chest, so that he suddenly starts up anxiously (first night),[1].—[340.] Constrictive sensation, with a feeling of heaviness low down in the chest, oppression and increased warmth, periodically increasing and decreasing, lasting through the day (after one hour),[1].—The thorax seems constricted; on deep breathing he is unable to expand it completely (after ten hours, lasting till eighth day),[6].—Feeling as if the region of the short ribs, especially the right side, were spasmodically constricted (after eight hours, lasting till fourth day),[6].—The chest feels compressed, tight, especially when sitting bent over,[9].—On deep inspiration, the breath does not completely fill the chest, but without the slightest painfulness in the chest (first hour),[4].—Pinching and pressure in the upper half of the chest, with a sensation of tightness and inclination to yawn and stretch the upper part of the body (after a quarter of an hour),[1].—The dull, painful sensation in the chest is increased by deep breathing,[7].—Dull, drawing pain in the chest in the morning in bed, increased after rising (after twenty-four hours),[3].—Dragging and orgasm in the chest, compelling rapid respiration (first day),[1].—Periodic twingings in the lower portion of the chest, with a feeling as though the thorax were too tight (fifth day),[3].—[350.] Pressure in the upper part of the chest, and weakness even to sinking down, after walking in the open air (fifth day),[1].—Violent pressure in the middle of the chest (first and second days),[1].—* *Cramping, pressive pains in various parts of the chest* (first, and also sometimes on the second day),[1].—Feeling as of a strange weight in the chest while walking in the open air,[1].—Heaviness, like a hundredweight upon the chest; she was obliged to loosen the clothes; everything seemed too tight, and impeded respiration (first day),[15].—Oppression of the chest, with dull pain beneath the sternum (after eleven hours),[3].—Feeling of oppression of the chest; she is often obliged to take a deep breath and to rise from her sitting, bent position, and stretch up the upper part of the body in order to relieve it (first day),[13].—Slight oppression of the chest from both sides and beneath the sternum, followed by a feeling of warmth in the rest of the thoracic walls (after half an hour),[4].—Great oppression of the chest, with periodic twinging pains in various parts (third day),[1].—Anxious oppression of the chest, with inclination to take a deep breath and yawn (first and second days),[15].—[360.] Transient stitches at times in the left lobe of the lungs, with difficult breathing (fourth day),[3].—Some transient stitches in the region of the cartilages of the upper false ribs (after one hour),[7].—Violent, sore pain in the chest on sneezing once, which afterwards changes to a pressure (soon),[1].—The whole chest is painful while sneezing,[1].—A waving sensation rises several times from the abdomen into the chest (after one hour),[1].—He cannot endure anything tight about the thorax (after half an hour),[9].—Sitting upright relieves the chest,[9].—***Front.*** Feeling of fulness in the chest, beneath the sternum and more towards the left side, extending to the clavicle, obliging him to take a deep breath (after one hour and a quarter),[7].—Pressure and tension beneath the upper part of the sternum on moving,[1].—Slight pressure beneath the sternum, especially if the hand were pressed against it (second day),[4].—[370.] Transient pleuritic stitches to the right of the middle of the sternum (after half an hour),[7].—***Sides.*** Dull pain in the left side of the chest, near the middle of the sternum, necessitating deep breathing; soon after, the same sensation in the corresponding place in the right side of the chest, more towards the upper part, which was soon relieved, while it continued longer in the left side (after one hour),[7].—Pressure in both sides of the chest, aggravated by inspiration, in the morning (second day),[7].—

Pinching, dull, sticking pain, which becomes seated in the upper part of the left side of the chest, with tightness of the whole chest,* which periodically becomes more extensive,[1].—Dull stitches in the right side of the chest, which leave a spasmodic jerking sensation (after two hours),[1]. — Dull stitches in the lower portion of the right side of the chest, extending towards the back,[1].—Dull stitches from the left side of the chest to the scapula (first day),[1].—Several sharp stitches beneath the short ribs of the left side* (soon),[1].—Transient burning throbbing pain in a small spot in the right side of the chest (after ten hours),[1].—***Mamma.*** It increases the milk,[33]. —[380.] It promotes and increases the secretion of milk which is inclined to dry up,[26].

Pulse.—Pulsations 81 (before taking), 88 (after taking), 80 (next morning), (average of all cases),[41].—Rather frequent pulse (half an hour after 1 drachm of Lactucarium),[37].—Pulse not remarkably changed, perhaps a few beats slower than usual,[1].—Pulse retarded,[30].—Pulse slower (from 10 to 15 grains of Parisian Lactucarium),[17].—Pulse slow and tense (after twenty-four hours),[3].—Pulse a few beats slower than usual (first day),[1 15].—Depression of the pulse from 75 to 62 within an hour and a half,[39].—Pulse diminished (from 6 to 8 grains of Parisian Lactucarium taken at intervals of three or four hours during the day),[17].—[390.] Pulse reduced from 67 to 60; in some persons the pulse was reduced from 10 to 12 beats, and in one individual still more,[34].

Neck and Back.—Neck. Pain in the nape of the neck when coughing (after seven hours),[8].—Tension in the cervical muscles of both sides (after twenty minutes),[1].—Tensive cramplike pain in the muscles of the neck in the right side (after half an hour),[1].—Drawing and tension in the nape of the neck, shoulders, and cervical muscles (first and second days),[1]. —***Back.*** Pain in the spine, extending into the cauda equina, and also streaming through the coccyx (after two hours),[9].—Pinching pain, periodically extending through the back, in various directions,[1].—Drawing, frequently extending from the small of the back to the groin towards evening (first day),[15].—Bruised pain in the lumbar region (after ten hours to fourth day),[6].

Extremities in General.—Heaviness of the limbs (first day),[11].—[400.] Limbs tremulous and weak (first day),[1].—Great weakness of the limbs, and disinclination to work, in the morning after rising, for fourteen days,[4].—The limbs frequently fall asleep (first and second day),[11].—Pain in the limbs,[18].—Cramplike pains, here and there (elbows, hands, fingers, lower legs), which impede the function of the limbs; they do not last long, and soon reappear in other places,[8].—All the limbs feel bruised, obliging lying in bed the whole day (fourth day),[6].

Superior Extremities.—Drawings in the arms, especially starting from the elbow-joints,[1].—Frequent drawing and jerking in the arms (soon),[15].—Periodic drawing and jerking in the arms (soon),[15].—Fine stitch beneath the right arm (soon),[4].—***Shoulder.*** [410.] Transient paralytic feeling in left shoulder-joint (second day),[4].—Pains in the shoulders and limbs (from 10 to 15 grains of Parisian Lactucarium),[17].—Sticking in the right axilla, as from a small sharp instrument, lasting several days; the pain is aggravated by pressure and by raising the arm,[4].—Wandering tearing pain as if in the bones in the joints of the right shoulder and elbow, in the open air; it afterwards extends, now into the wrist, now into the knees, now into the leg, now into the ankle, neck, temples, etc., for a short time, lasting till the eighth day (after eight hours),[6].—***Arm.*** Dull, very tran-

sient pain in the deltoid and pectoral muscles, afterwards extending to the shoulders, during rest,[7].—Cramplike pain on the back of the lower portion of the upper arm, which is relieved by moving it (first and second days),[8].—Dull drawing and feeling of weakness in the left upper arm (first day),[1].—Pain as from a sprain in the deltoid muscle of the left arm, only while the forearm is bent (after eighteen hours),[6].—***Elbow.*** Dull drawing in the tip of the right elbow (soon),[1].—***Forearm.*** Tearing pain in the right forearm, with a subsequent paralyzed feeling in the little finger (after two hours),[1].—***Wrist.*** [420.] Drawing pain in the external condyle of the left wrist (after one hour and a half),[1].—***Hand.*** Trembling of the hands,[18].—Painful jerkings in the hands,[1].—Cramplike drawing in the left hand (first day),[1].—***Fingers.*** Feeling of heat in several fingers, which leaves behind a weakness,[1].—Pain in the middle fingers of each hand, a kind of tearing (after three hours),[8].

Inferior Extremities.—Objective. Gait unsteady; he reels to and fro (soon),[1].—Staggering while walking (from 10 to 15 grains of Parisian Lactucarium),[17]; on attempting to walk,[18].—Great weariness of the limbs and right arm (after half an hour),[5].—***Subjective.*** The limb falls asleep while sitting (first day),[6].—[430.] Heaviness of the limbs and tension in the hollows of the knees, while walking,[1].—Drawing in the limbs and back (first day),[15].—Painful whizzing in the limbs, in the afternoon, while sitting quietly,[1].—***Thigh.*** Jerking in the left thigh (after half an hour, and three hours),[1].—***Knee.*** Tension in the hollows of the knees on rising from a seat; the thighs feel bruised (after eight hours),[1].—***Leg.*** Trembling of the left lower leg, in the afternoon (second day),[6].—Feeling of heaviness like a stoppage of blood in the lower legs, while sitting (first day),[14].—Cramp in the left calf while walking, lasting about a quarter of an hour (after nine hours),[6].—Drawing and a feeling of stoppage in the right lower leg, especially during rest,[1].—Dull drawing pain with a feeling of stiffness in the right lower leg, at times extending up into the hip,[1].—***Foot.*** [440.] A pain in the ball of the foot on the digital border of the second metatarsal bone, and in the great toe of the left foot; the toes feel grown together and drawn back, only when stepping upon them (fifth to eighth days),[6].—Pain in the sole of the left foot as from a stone-bruise, during rest, disappearing when stepping upon it,[8].—***Toes.*** Sensation beneath the nail of the fourth toe as if suppurating, without any external alteration; and pain on pressure (third day),[5].

General Symptoms.—Objective. It causes good nutrition, and diminishes corpulency,[26].—Alarming convulsions in a lying-in woman (from the juice of the ordinary salad),[16].—Weariness for twelve hours,[5].—Weary and sleepy, contrary to habit (first day),[15].—He is as weary and sick after a slight exertion in the house, as if he had taken a long walk, in the forenoon (first day),[1].—Great weariness and sleepiness throughout the day (first day),[14].—Astonishing weariness (after one hour),[12].—[450.] Great weakness (from 10 to 15 grains of Parisian Lactucarium),[17].—Great weakness, immobility and general exhaustion,[18].—General exhaustion (from 10 to 15 grains of Parisian Lactucarium),[17].—***Subjective.*** (A truly enlivening, invigorating power, from Lactucarium, in a hysterical woman),[18].—Increased feeling of lightness (from 6 to 8 grains of Parisian Lactucarium),[17].—Unusual lightness of the body in the open air (after some hours),[1].—Great lightness in the open air, and an agreeable, healthy feeling in the whole body (after twelve hours),[1].—A peculiar indescribable sensation of lightness in the whole body without narcotic effect and without any abnor-

mality of the pulse (from 3 to 5 grains of Parisian Lactucarium),[17].—Feeling as if the body were swimming, in bed (soon),[1].—Periodic drawing in various parts of the body (first and second days),[1].—[460.] Sharp, cramp-like, jerking pain becomes firmly seated close to those parts of the body which bend (the neck, hypochondria, elbows, hips), and especially occurs in the evening and during rest; it is not in the joints, but only near them, and seems to prefer the extensor rather than the flexor surface, and also to be worse in the morning,[8].—Desire for the open air,[5].—She recovers in the open air; especially the chest becomes freer,[13].—Inclination to sit upright.[9].

Skin.—Inflammation and slight eruption caused on delicate parts of the skin by the external application of the extract,[35 36].—Fine sticking twinging and biting, here and there beneath the skin, suddenly,[8].—Slight pain under the skin, here and there, in the limbs, almost like a fine sticking,[8].—Prickling pain beneath the skin of the nape of the neck, which gradually becomes seated in a small spot beneath the right scapula,[4].—Crawling itching on the left toes, and left fingers (third day),[5].

Sleep and Dreams.—Sleepiness. Yawning and stretching of the limbs (from 10 to 15 grains of Parisian Lactucarium),[17].—[470.] Frequent yawning,[5]; (first day),[12].—It promotes sleep,[26].—Hypnotic effect,[41].—Inclination to sleep,[39].—Inclination to sleep, which, however, does not follow,[18].—Great sleepiness (after a quarter of an hour),[22].—Great sleepiness, without being able to completely overcome his previous wakefulness (half an hour after 10 grains of Lactucarium),[37].—Great sleepiness, with frequent yawning (after two hours),[11]; (first day),[1].—Is obliged to go to bed earlier than usual, on account of great sleepiness,[14].—Irresistible sleepiness (from 2 scruples of Lactucarium),[27].—[480.] Overpowering sleepiness, with nausea (from 2 scruples of Lactucarium),[37].—It causes sleep (when put into a foot-bath),[33].—She falls asleep while at work, in the afternoon (first day),[13].—Quiet sleep (in a hysterical woman),[18].—Quiet sleep, in one suffering from chronic wakefulness (from 5 to 8 grains of Parisian Lactucarium, taken in the evening),[17].—Quiet and refreshing sleep, when taken in the evening (from 6 to 8 grains of Parisian Lactucarium),[17].—Quiet, natural, and refreshing sleep, with diminished warmth (from moderate doses of Lactucarium),[32].—Quiet and gentle sleep at night, but little sleep in the morning, contrary to habit (first day),[1].—Very good sleep at night (first night),[6].—Sleep at night sound and without dreams,[4].—[490.] Sound sleep full of dreams (first night),[1].—Sound sleep, with emission of semen without any sensation of it (first night),[1].—Deep sleep, lasting five hours and a half (half an hour after 1 drachm of Lactucarium),[37].—Deep sleep for five hours, without stupefaction (from 1 drachm of Lactucarium),[27].—Heavy sleep, without alteration of the pulse or increase of the secretions (from 20 grains of Lactucarium),[37].—*Stupid sleep at night;* cannot rouse herself from sleep, in the morning,[1].—Sopor,[10].—***Sleeplessness.*** Sleeplessness (boy),[42].—Little sleep, without special uneasiness (second and third nights),[1].—Night very restless, with many vivid dreams (first night),[3].—[500.] Sleep restless, unrefreshing (from 6 to 8 grains of Parisian Lactucarium, taken at intervals of three or four hours during the day),[17].—*Sleep at night restless;* awakes in the morning with great confusion of the head,[1].—Very restless sleep, wakes almost every quarter of an hour (fourth to sixth night),[1].—Very restless on account of headache, spasmodic cough and febrile heat accompanied by dreams which he did not remember in the morning (third and fourth nights),[6].—Long restless sleep (from 10 to 15 grains of Parisian

Lactucarium),[17].—***Dreams.*** She slept all night, but had many dreams (first and second nights),[15].—Sleep full of dreams at night, contrary to habit (first night),[4].—Dreams in the morning, contrary to habit,[6].—Sleep at night sound, but disturbed by vivid, unusual dreams (first night),[13].—Voluptuous dreams, with emission, during the morning sleep,[1].—[**510.**] Heavy dreams (first night),[41].—Sleep at night sound, but with many anxious dreams; waking with a dull headache,[10].—Sleep at night sound, but disturbed by very anxious dreams (of shooting, etc.),[11].—Slept well at night, with remarkable dreams towards morning, as if he were turning around in a circle, with one foot upon a pointed object (first night),[4].

Fever.—Chilliness. The temperature of the axilla was reduced from 1° to 1½° Cent., by the use of lettuce,[34].—Chilliness in a warm room (after one hour),[11].—Chilliness in a warm room; the hands and feet are cold, with cold creepings over the head and back (after one hour),[1].—She easily becomes chilly during the day (first day),[15].—An unusual sensation, allied to coldness, but not unpleasant,[34].—*Slight shivering* (after a quarter of an hour),[5].—[**520.**] Diminished temperature of the hands,[39].—Coldness extending over the head and back, alternating with heat in the face, in the forenoon (first day),[1].—Feeling of coldness in the chest (from 10 to 15 grains of Parisian Lactucarium),[17].—Frequent coldness creeps over the back and head (first hours),[1 13].—Cold feet (after two and three days),[1].—Shivering as if creeping under the hairs,[4].—***Heat.*** Temperature 29.9° C. (before taking); 30° (after taking); 29.9° (next morning); (average of all cases),[41].—Sensation of heat, intolerably dry, especially on the lower legs, coincident with aching like that after excessive exertion in walking; from 3 to 6 A.M. (third day),[6].—Fever; very decided headache; even the scalp is painful to touch, increased by tearing, which also affects the joints of the limbs, nape of the neck, and face; towards evening the head became so heavy that she was obliged to incline it forward; unusually dry, extremely distressing heat in the head and upper part of the body, with icy coldness of the feet, burning and lachrymation of the eyes; incessant, dry, hollow, spasmodic cough, recurring periodically, increasing to threatened suffocation, violently shaking the chest and head, together with spasmodic and painful constriction of the abdominal muscles, and region of the short ribs; at noon (third day),[6].—Heat in the face, with a feeling of swelling and trembling of the lips, several minutes after taking,[1].—***Sweat.*** [**530.**] Sweat, during the night,[11].—Slight general perspiration, at night (first and second nights),[1].—Copious perspiration,[32].—Profuse sweat,[29].—Outbreak of cool sweat (from 10 to 15 grains of Parisian Lactucarium),[17].

Conditions.—**Aggravation.**—(*Morning*), Mucus in throat; after rising, pain in chest; pressure on both sides of chest; after rising, weakness of limbs, etc.—(*Afternoon*), Headache; towards evening, feeling in chest.—(*Evening*), After lying down, dyspnœa, etc.—(*In open air*), Pain in shoulder, etc.—(*Walking in open air*), Pressure in upper chest; feeling in chest.—(*After eating*), Stitch through hypochondrium.—(*Rest*), Pain in deltoid muscle; drawing, etc., in lower leg; pain in left sole.—(*Standing*), Feeling of weight upon abdomen.—(*Warm room*), Vertigo, etc.; pain in forehead.—(*Writing*), Burning in lids.

Amelioration.—(*In open air*), General relief,[1]; especially of chest,[13].—(*In bed*), Ill-humor.—(*Sitting erect*), Chest symptoms.

LAMIUM.

Lamium album, Linn.

Natural order, Labiatæ. *Common names*, Dead-Nettle; (Germ.), Taub-Nessel; (Fr.), L'Ortie blanche.

Preparation, Tincture of (leaves and) flowers.

Authorities, Archiv f. Hom., 12, 2, 179; **1**, Hahnemann; **2**, Franz; **3**, Kummer; **4**, Langhammer; **5**, Stapf.

Mind.—Weeping mood; she wept as if she had been abandoned,[1].—Extraordinary sadness; he thought he had been blamed for reverses for which he was blameless, and in consequence was obliged to suffer; though not without desire for work,[4].—Anxiety during the chill; she could find rest neither while sitting, standing, nor walking,[1].—Discontented with his work (after four days),[3].—One or another text recurs constantly in her thoughts numberless times in succession, and she is unable to prevent its repetition in her mind, so that at last she becomes sad about it, and thinks she shall lose her reason,[1].

Head.—Confusion. Confusion of the head; he cannot perfectly collect his senses, and is obliged to make an effort in talking,[2].—***General Head.*** Great mobility of the head, especially from before backward,[3].—Headache in the morning on waking and on walking in the open air,[1].—Headache, worse on rising from a chair, better while sitting,[1].—[**10.**] An indescribable headache deep in the brain, like the beginning of a very violent headache, and as if she was about to be very sick, worse when rising up after stooping (it disappeared at night during sleep); (after two hours),[1].—Headache in the morning in bed, worse while lying down, a confusion as after a night's debauch; the head feels as though constricted with a cord; it disappears on rising,[1].—Headache like a compression of the brain from all sides, so that the most violent pain is in the middle of the brain (immediately),[1].—Headache about 10 P.M.; at first some stitches here and there, and then throbbing and violent shaking chill in bed,[1].—Headache (like a tearing) lasting from 6 P.M. till midnight,[1].—***Temples.*** Pressive pain in the right temporal region (after one hour),[3].—Drawing, needlelike stitches in the left temple,[4].—Very acute pain in the temples, as if internally sore,[2].—***Occiput.*** Pain in the occiput, as if it were lying upon a stone, and as if the bed were too hard, when lying upon either side,[1].—***External Head.*** The scalp is very tense, especially in the region of the coronal suture (after six hours),[3].

Eye. [**20.**] Itching in the canthi at various times, especially in the evening; is obliged to rub them (after twelve hours),[3].—Itching on the lower lid which compels rubbing (after one hour),[3].—Pressure on the eyeball, and dim indistinct vision, especially in the evening,[3].—Pupils extremely dilated (after seventeen hours),[4].—Contraction of the pupils (after three hours and a half),[4].

Ear.—Deafness,[1].

Nose.—Sneezing from time to time; several drops of water flow from the nose at times (after a quarter of an hour),[3].—Violent coryza (after a few hours),[2].—She blows blood from the nose,[1].—Bruised pain in the soft parts on both sides of the nose, but not painful to touch,[1].

Face. [**30.**] Stitches in the right side of the lower jaw, behind the ear,[1].

Throat.—Thick mucus, which has a very sour taste, is raised from the fauces by hawking (after one hour),[3].—Sore throat internally when swal-

lowing (after a chill), as if a lump were in the throat; next morning there was not only the same pain on swallowing, but also a pain in the tonsils on moving the neck, on swallowing, and feeling of it,[1].—Scraping in the throat,[5].

Stomach.—Thirst. Constant thirst, though not during the chill,[1].—***Eructation.*** Empty eructations (immediately),[3].—Acid eructations,[5].—Waterbrash, two evenings in succession,[1].—***Nausea and Vomiting.*** Nausea and vomiting of food eaten an hour and a half previously, preceded by unusual heat and great weariness and exhaustion; therewith, it became black before the eyes,[2].—***Stomach.*** Pressure beneath the pit of the stomach while eating, during which he was qualmish and nauseated, almost as in waterbrash, but no liquid came into the mouth,[1].—[40.] Stitches in the pit of the stomach,[1].—He feels the pulse in the pit of the stomach, and even sees it externally,[2].—Crawling in the stomach, with qualmishness,[5].

Abdomen.—Hypochondria. Rumbling in the hypochondriac region (after eight to ten hours),[3].—A dull uneasy pain in the hepatic region, which could only be relieved by laying the hand upon it,[1].—Bruised pain in the abdominal muscles beneath the false ribs,[1].—***General Abdomen.*** Unusual distension of the abdomen, for several days,[1].—Sensation in the abdomen as if diarrhœa would come on, followed by a pasty stool (after a few hours),[2].—Colic as from incarcerated flatus (after three-quarters of an hour),[4].—Griping colic, as from incarceration of flatus, which, after a subsequent stool with emission of much flatus, still continues for some time (after twelve hours),[4].—***Hypogastrium and Iliac Region.*** [50.] A griping in the lower abdomen, and most violent excitement, as if menstruation would come on, lasting two days (after three hours),[1].†—A dragging in the left side of the abdomen down into the pubic region, as if a hernia would protrude there,[2].

Stool.—A dragging and pressure, as if for stool, though only in the rectum; soon followed by a hard stool,[3].—Stool pasty, hard, with the passage of some blood,[1].

Urinary Organs.—Urethra. Some moisture flows through the urethra (after two days),[3].—Sensation in the urethra as though a drop of water were flowing through it, though no moisture was noticed at the orifice (after six to ten hours),[3].—Painless sensation, like a burning, in the middle of the urethra when not urinating (after four hours),[3].—***Micturition.*** *Urging to urinate, with extremely little discharge* (after one hour and a half),[4].—Frequent urging to urinate, with more scanty discharge than usual (after two hours),[3].—Frequent micturition,[5].

Sexual Organs.—Male. [60.] Tickling in the glans penis (after half an hour),[3].—***Female.*** Great excitement in the uterus (in the lower abdomen), but especially a cutting above the hips, as if menstruation would suddenly appear, though it had just ceased,[1].—Discharge of leucorrhœa, with a biting sensation of the parts (after one hour),[1].—A few drops of leucorrhœa frequently passes from the vagina,[1].—Profuse leucorrhœa, without sensation (after ten hours),[1].—Menstruation some days too early and very scanty (after five days),[1].—Menstruation eleven days too early, at the new moon (after seven days),[1].

Respiratory Organs.—The voice is very weak and unsteady, as

† In a woman who had been for some time free from menstruation on account of her age.

in one who feels anxious,[2].—When speaking, he cannot get his breath; his chest feels quite weak,[2].

Chest.—A feeling of pressure on the chest and nausea which make him very anxious,[2].—[70.] Burning in the middle of the chest or in the œsophagus, always after eating or drinking,[1].—A pressive pain above the left nipple, most violent while slumbering; noticed while partly waking from sleep, but not when fully awake,[3].—Pain from the left breast to the shoulder as if beaten and strained,[1].

Back.—Pain in the small of the back, as if it had been beaten,[2].—Dull stitches in the region of the right kidney on taking a deep breath (after ten hours),[3].

Extremities in General.—A drawing tearing here and there in the upper and lower limbs (after twenty-four hours),[3].

Superior Extremities.—Heaviness and weakness of the right arm, especially during rest (after four hours),[3].—Bruised pain on the inner surface of the arm, especially at the bend of the elbow, mostly noticed on stretching out the arm,[1].—Crawling numbness, and a feeling as if asleep, of the back of the hand and ball of the thumb (sensitive to touch), with a painfulness of the skin of these parts, only on moving the hand, and a fine sticking smarting as if they had been switched,[1].—Cramplike tearing in the muscle of the right thumb (after three hours),[4].—[80.] Drawing tearing in the first phalanx of the left index finger (after three hours),[3].—Drawing tearing on the first joint of the two last fingers of the right hand (after six hours),[3].

Inferior Extremities.—*Intermitting, drawing, pressive tearing on the lower posterior muscles of the right thigh (while sitting)*, (after fourteen hours),[4].—Pain in the bend of the thigh as if bruised, or as if he had walked a long distance (on moving about and when sitting), (after eight hours),[3].—Tension across the middle of the calves while walking, as if they were unyielding,[2].—A cramplike pain and a bruised sensation externally in the right fibula,[2].—Gnawing, pressive pain in the lower portion of the tibia and in the ankle, with a sensation of heat and a feeling as if the part were swollen,[2].—Cramplike pressive pain on the ball of the left great toe, while sitting (after two hours and three-quarters),[4].

General Symptoms.—Uneasiness of mind and body, so that he took up a book and laid it down again, sat now here, now there; always according to involuntary fancies (after two to ten hours),[3].—Great uneasiness and anxiety; they did not allow him to remain in any place; with trembling of the limbs,[2].—[90.] General weakness of the body (after eight hours),[3].—General weakness, mostly in the hands, during the chill,[1].

Skin.—A pimple in the fold near the right wing of the nose, which itches and is painfully sore when touched,[1].—A blister forms on the heel from slight rubbing while walking, which breaks and becomes a long-lasting ulcer, superficial, with a red and swollen areola, and painful like a smarting and fine sticking and afterwards a biting; in the morning in bed; it is painful in the evening, smarting and sticking, worse while lying (after twenty-four hours),[1].—A corroding, fine sticking-itching on the arms, hands, and neck,[1].

Sleep and Dreams.—Wakefulness and restlessness; she was unable to fall asleep in the evening and frequently woke,[1].—Difficult falling asleep at night, and after falling asleep, a vivid, anxious dream, which woke her; but after falling asleep again she dreamed the same thing,[1].—Vivid, disa-

greeable, anxious, unremembered dreams,[4].—Dreams that menstruation, which had recently ceased, would reappear,[1].

Fever.—Chilliness. Paleness of the face and chilliness over the whole body, with internal trembling, at 4 P.M.; the whole body was covered with gooseflesh, especially painful as if sore and abraded when touched on the upper arm, on the outer side of the thigh, together with anxiety and uneasiness, she tosses about here and there, wanted to sleep but could not,[1]. —***Heat.*** [100.] Burning heat of both cheeks, without redness or thirst (after twenty-four hours),[4].—Burning heat of the cheeks, with cold hands, without thirst (after twenty-four hours),[4].—***Sweat.*** Perspiration in the morning in bed, together with chilliness and gooseflesh, with anxious heat on the slightest motion or exertion of even talking, immediately disappearing when at rest or on ceasing to talk, whereupon the chilliness immediately returned; therewith the hands were sweaty internally,[1].

Conditions.—**Aggravation.**—(*Morning*), On waking, headache; in bed, worse while lying down, disappearing on rising, headache; in bed, perspiration, etc.—(*Evening*), Itching in canthi; waterbrash.—(*In open air*), Headache.—(*Drinking*), Burning in chest, etc.—(*Eating*), Pressure beneath pit of stomach; burning in chest, etc.—(*Rest*), Heaviness, etc., of arm.—(*Rising from stooping*), Indescribable headache.

Amelioration.—(*Sitting*), Headache.

LAPATHUM.

Rumex obtusifolius, Linn.

Natural order, Polygonaceæ.

Common names, Radix lapathi, Radix patientiæ, Grindwurz. (*Note:* This is doubtless the old officinal Lapathum acutum, now known as R. obtusifolius, from the blunt-pointed lower leaves. Consult figure in the old Herbal of Matthiolus and Camerarius.)

Preparation, Tincture of the root.

Authority. Dr. Widenhorn, Archives de la Med. Hom., 2, 1835, p. 305.

Sadness and moroseness alternating with gayety.—Headache at the vertex.—Pressive headache, in the morning; it seems as though the head were swollen.—Headache in the top of the head, as after intoxication.—Bleeding of the nose.—Blowing of blood from the nose.—Pain in the pit of the stomach, with loss of appetite, and weight in the stomach.—Feeling of distension in the left hypochondrium.—Extension and pressure, especially in the morning, with production and emission of flatulence.—[10.] Drawings in the left hypochondrium.—Pain in the kidneys for five hours, with pressure from without inwards.—Weak feeling in the internal genital parts.—(Leucorrhœal flow for five days, very copious, thick, whitish, *with constriction and expulsive efforts from top to bottom of the womb, and pains in the kidneys*).—Weariness.—Bruised pain in all the limbs.—Excessive coldness in feet, as well inside as outside, so that it was almost impossible to warm them.

LATHYRUS.†

Lathyrus sativus, Linn.

Natural order, Leguminosæ.

Common names (French), Gesse or Jarosse, Pois de brebis, etc.; (Germ.), Kicherling.

† Compare with Physostigma.—T. F. A.

Preparation, Trituration of the peas.

Authorities. **1**, Benninger and Duvernoy, Diss. de Lath., 1770, effects of L. cicer; from Wibmer; **2**, Hirzel, from the same; **3**, Puihn, Mat. ven. reg. veg.; from Wibmer; **4**, Prag, Med. Monats., 12, 176, effects when eaten with bread (Lath. sativus); **5**, Zeit. f. H. Kl., 2, p. 37, general effects; **6**, Br. J. of Hom., 20, p. 136, numerous cases believed to be due to the use of this pea as food (occurring in a very swampy district); **7**, effects of subsisting upon a crop of this pea, the wheat crop having failed; the sad effects began to appear the year after, Br. J. of Hom., 3, 257; **8**, Cantani, effects on three brothers, aged 20, 10, and 8, of eating daily for several weeks the flour mixed with Indian corn (Lyon Med.), from L'Art Med., Aug. 1874, p. 174.

Paralysis of the lower extremities with tremulous tottering gait; the skin of the paralyzed limbs is sometimes hyperæsthetic,[5].—Paralysis of the lower extremities, the sensibility remaining intact; sometimes persons who go to bed healthy wake with stiff limbs, and in a few days the paralysis is complete,[4].†—Numerous cases of lameness; the patients averred they had all become paralytic during the rains, in most cases suddenly so, and, in many, during the night; there was no pain or splenic enlargement,[6].—The younger part of the population of this and the surrounding villages, from the age of thirty and downwards, began to be deprived of the use of their limbs below the waist by paralytic strokes, in all cases sudden, but in some more severe than in others; about half the youth of this village, of both sexes, became affected during the years 1833 and 1834, and many of them have lost the use of their limbs entirely, and are unable to move; the youth in the surrounding villages have suffered in an equal degree; no person once attacked has been found to recover the use of the limb affected; all stated that their pains and infirmities were confined entirely to the parts below the waist; they described the attack as coming on suddenly, often while the person was asleep, and without any warning symptoms whatever; and stated that a greater proportion of the young men were attacked than of the young women,[7].—The gluteal muscles and those of the lower extremities were plainly emaciated, while the upper limbs retained their natural appearance. While lying in bed they moved their lower limbs with considerable facility, and the legs could be fully extended; abduction was well performed, but flexion was difficult; and it was especially difficult for them to lift up the limbs. In the case of the oldest patient, the left extremity was decidedly weaker than the right. The youngest could stand and walk; to do either was difficult for the oldest, and impossible for the remaining patient, without a firm support. All three, when walking, threw the chest well forward, the haunches projecting behind, so that they seemed literally to fall from one foot to the other. They also misplaced the feet, which, by two of them, were brought too close to the median line, and sometimes passed beyond it, causing their legs to cross each other and tangle up; the third and worst affected walked, on the contrary, very bow-legged. The whole weight of the body rested on the metatarso-phalangeal articulations, the heel never touching the ground. Walking backward was similarly effected, but was still more difficult. When told to stand steady, two of them obeyed with great difficulty, and for a few minutes only, if not firmly supported; they swayed widely forwards and sideways, and seemed in con-

† This symptom is said to occur only during wet weather, usually suddenly, and confined to, or most frequent in, marshy districts.

stant danger of falling; they instinctively sought to keep their balance by pressing with the hands upon the hips. If they shut their eyes while standing or walking, their attitudes and movements were in no wise modified,[8].—Paralysis of the legs or knees,[2].—Knees stiff, and flexed, with weakness of the feet and lameness, without pain,[3].—Stiffness of the ankles with lameness,[1].

LAUROCERASUS.

Prunus Laurocerasus, L.

Natural order, Rosaceæ.

Common names, Cherry Laurel; (Germ.) Kirschlorbeer.

Preparation, Tincture of the young leaves (provings by Jorg with Aqua laurocerasi, prepared from 1 pound of fresh leaves, 1 ounce of alcohol, 6 pounds of water; from which 3 pounds were obtained by distillation; symptoms from H. and T. from the Aqua lauro., and also from the freshly expressed juice of leaves).

Authorities (1 *to* 12 *Jorg's provings*). **1,** Engler, took repeated doses of Aq. laurocer., 5 to 25 drops; **2,** Guntz, doses, 5 to 25 drops; **3,** Haase, 10 to 40 drops; **4,** Heisterbergk, 10 to 112 drops; **5,** Meurer, 5 to 35 drops; **6,** Kneschke, 5 to 45 drops; **7,** Kummer, 5 to 30 drops, symptoms only after 30 drops; **8,** Strœfer, 5 to 30 drops; **9,** Peinitz, 3 to 35 drops; **10,** Seyffert, 4 to 30 drops; **11,** Siebenhaar, 3 to 20 drops; **12,** Jorg, 4 to 14 drops; (13 *to* 38, *from Hartlaub and Trinks's résumé, Mat. Med.,* vol. 1, p. 127); **13,** Hartlaub; **14,** Neuning; **15,** Trinks; **16,** Hartmann, Hufeland's Journ., 45, p. 115; **17,** Tournon, in Bull. des Sc. Med., 1810; **18,** Lorry, de venen., in Haller's Hist. Stirp Helv., No. 1080; **19,** Raynor, Hufel. J., 46, 14; **20,** Harless, Rhein. Jahrb., 18, p. 187; **21,** Hecker, Arznm., 1, 309; **22,** Thilenius, Med. Leg., 2, 191; **23,** Richter, Arznm.; **24,** Archiv d. Hom. Heilk., 4, pt. 2; **25,** Schwartz, Prakt. Beob. and Erf., 1827; **26,** Wolf, in Horn's Archiv, 2, 36; **27,** Lewis, Mat. Med.; **28,** Madden, Phil. Trans., 1731; **29,** Ann. de Chim., 1817; **30,** Vater, Diss. de Lauro., 1737; **31,** Hermbstædt, in Orfila's Tox.; **32,** Desbois de Rochefort, Mat. Med.; **33,** London Chron., 1781; **34,** Rutty, Phil. Trans., 1739; **35,** Foderé, Med. Leg., 4, p. 27; **36,** Mortimer, Phil. Trans., 37, p. 173; **37,** Wahle, Archiv f. Hom., 15, 2, 161, symptoms observed in self and in a healthy woman from the 30th dil.; **38,** symptoms by Siedel, from the last; **39,** Kaempfer, from Thilenius, Wibmer; **40,** Hayne, Hufel. J., 95, 1843, effects of 1½ ounces of Aqua lauro. in a man.

Mind.—Emotional. Lively, good-humored,[14].—Lively, joyous mood (after three hours),[14].—Very good-humored, happy (after two hours),[14].—Joyous, interested, at 2 P.M.,[14].—He is in good humor; his work delights him (after one hour),[14].—Everything seems fresh and bright, and she is happy (after two hours and a half),[13].—Sad; indisposed to everything (after one hour),[14].—Very lachrymose and despondent mood; he would rather die than live,[37].—Sad, joyless, depressed (after one hour and a half),[15].—[**10.**] *Most extreme despondency,[37].—Anxiety in the head, with internal and external warmth of the forehead, and unchanged pulse, disappearing in the open air (after one hour and a half),[15].—A kind of oppression which puts him in an anxious mood; he is unable to work; he must leave the room and go into the open air; the depression does not leave him the whole day,[13].—Great anxiety about trifles, in the evening in bed; he is unable to fall asleep,[13].—Out of humor, sad, for a short time (after one hour),[14].—Fret-

fulness (after 20 drops),[5].—Everything frets him (after one hour),[15].—Peevish, fretful mood,[38].—Extremely peevish and ill-humored,[37].—He is vexed and fretful about everything, at 2 P.M.,[14].—***Intellectual.*** [20.] Inclined to mental labor (second day),[38].—Hasty, impetuous (seventh and eighth days),[14].—Everything is irksome; he goes unwillingly to his business,[37].—Ideas flow slowly,[37].—Memory weakened, at 2.30 P.M.,[14].—He forgets everything very easily (after four hours),[14].—He has entirely forgotten the occurrences of yesterday evening (second morning),[14].—Decided stupefaction, with vertigo,[19].

Head.—Confusion and Vertigo. Confusion of the head,[37]; (after 7 drops),[12]; (soon after 15 drops),[6]; (five minutes after 5 drops),[9].—Confusion, especially in the forehead (after 20 drops),[11].—[30.] Confusion of the head, when reflecting and writing,[37].—Confusion of the head involving the whole body, so that my general condition was depressed, and I was unable to work with my usual vigor (after 16 drops),[12].—Confusion of the head, like that preceding violent catarrh (after 14 drops),[12].—Confusion of the head, becoming a pressive pain in the forehead and orbits (after 35 drops),[6].—The whole head feels confused (as if the brain were enveloped in a fog),[37].—Confusion of the whole head, gradually becoming a true dull headache, especially in the temporal region and forehead (half an hour after 12 drops),[11].—Vertigo,[20 21]; (after 20 drops),[10].—Vertigo, worse in the open air (after half an hour),[14].—Vertigo, after rising from stooping (after one hour and a half),[14].—Vertigo and loss of ideas whenever he moves, in the evening,[37].—[40.] Vertigo and confusion of the head,[13].—Vertigo and dulness of the head, on rising from sitting, lasting a long time (after a quarter of an hour),[14].—Transient vertigo (after one hour),[14].—Transient vertigo, followed by sleepiness (after 25 drops),[10].—Vertigo, so that he could scarcely keep erect,[22 39].—Vertigo; the head seems to be going round and round,[14].—Vertigo, as if everything were turning in a circle, in the evening,[37].—Vertigo, as if all objects were turning around, lasting a long time (after a quarter of an hour),[14].—Dizziness and heaviness of the head (after one hour),[14].—Sensation of intoxication,[18].—***General Head.*** [50.] The head hangs over and he cannot raise it,[40].—Heaviness in the head (one hour and a half after 20 drops, also one hour after 30 drops); this heaviness was not real pain; it was like the heaviness of head felt before acute catarrh, or after intoxication by wine,[4].—Heaviness of the head, especially in the forepart, associated with pressure in the orbits, as if the eyeballs were too large for them (after 60 drops),[4].—Heaviness of the head (not greater than after 30 drops); peculiar in that it extended towards the frontal region, and lasted until after 10 P.M. (after 50 drops),[4].—Heaviness in the head on stooping, with a feeling as though something fell from the left side into the forehead; on walking in the open air (after half an hour),[14].—Feeling of heaviness in the head, and as though it were pressed from behind forward (after a quarter of an hour),[14].—The head seems too heavy, with a feeling as if the brain pressed to all sides,[37].—Dull heaviness in the head (after three-quarters of an hour),[14].—Pressing-down heaviness in the head (after two hours and a half),[14].—A pressing-down sensation of heaviness in the head, and obscuration of vision, on rising from sitting (after one hour and a quarter),[14].—[60.] Head heavy, with a sensation of pressing-down in the vertex, on going into the room (after five minutes),[14].—Head constantly heavy, and his brain feels constantly clouded,[37].—Dulness of the head,[37].—Dulness of the head, on rising from stooping (after a quarter of an hour),[14].—Dulness and a sensation of heat in the head, without externally percep-

tible heat (after half an hour),[14].—Head dull and painful, at 2 P.M.,[14].—Head feels full (after a quarter of an hour),[14].—A sensation of congestion in the head (after half an hour),[14].—The brain feels constricted and painful (after half an hour),[14].—Headache (after 20 and 25 drops),[2].—[70.] Headache, sometimes worse in the forehead, sometimes in the occiput; most severe and persistent over the orbits; scarcely felt so long as he remained in the open air, but it became very violent when going into a hot room, where he felt badly and exhausted (after 15 drops),[5].—Headache, as after intoxication (after one hour and a half),[14].—Headache, as if dull and heavy, disappearing during sleep (first evening),[14].—Dull and violently pressive headache (soon after 10 drops),[11].—Boring headache, immediately (after 20 drops),[5].—The head is pressed downward, relieved by becoming erect (after a quarter of an hour),[14].—Feeling as though the brain were pressed against the upper and forepart of the skull, especially in the region of the forehead, with great pressure towards the orbits (after 14 drops),[12].—Pressive headache extending over the whole head (after 30 drops),[5].—Pressive headache, in the morning in bed,[37].—Headache alternately in the forehead and occiput, pressive; gradually disappearing after half an hour, during which the pulse was diminished about 12 beats (after 10 drops),[5].—[80.] Sticking here and there in the head, at 4 P.M.,[13].—A kind of sticking and crawling in the brain, violent and long-lasting,[13].—Stitching, extending from the right lower jaw through the head by the right ear (after one hour and a half),[14].—Headache, tearing, in the evening in bed,[14].—Throbbing headache, worse on stooping, in the left side (after one hour),[13].—Jerkings at times in the head, back, and cervical muscles, followed by paralysis,[23].—***Forehead.*** Feeling of warmth in the middle of the forehead, **then a coolness as from a draft of air, the latter continuing a long time* (after half an hour),[14].—Feeling of heaviness in the forehead, on going out of the room (after one hour),[14].—Heaviness in the forehead, and pressure in the orbits (after 112 drops),[4].—Heaviness and stupefying pain in the forehead, on stooping, not disappearing on rising (after one hour),[14].—[90.] Pain in the right side of the forehead,[13].—Pain in the left side of the forehead, on stooping low down, with a sensation as though the brain fell forward, disappearing after rising (after half an hour),[14].—Stupefying pain in the forehead (after one hour),[14].—Feeling of fulness in the forehead (after half an hour),[14].—Tensive sensation in the forehead and left side of the face (after half an hour),[14].—Violent boring headache above the orbits (after 25 drops),[5].—A drawing sensation in the middle of the forehead (after half an hour),[14].—Twinging pain in the forehead, slight but long-lasting; with sleepiness (after one hour),[13].—Pressure in the frontal region, with slow pulse (after 25 drops),[6].—Pressure commences in the forehead in the open air, becomes worse in the house, with great heat in the face, without thirst; the headache is relieved by rest,[37].—[100.] Constant pressure in the forehead (after three-quarters of an hour),[14].—Transient pressure in the frontal region, especially over the orbits (after 10 drops),[5].—Transient pressure in the middle of the forehead (after one hour),[14].—Periodically and frequently-recurring pressure beneath the frontal bone,[37].—Painful pressing-inward in the forehead, not entirely relieved by pressing upon it (after half an hour, and frequently),[14].—A pressing-forward in the forehead, with warmth and perspiration on the forehead and hands, and a feeling as if the head were enlarged (after one hour),[14].—Pressive pain from within outward in the forehead, on stooping,[37].—Pressive pain on the left side of the forehead, lasting about a quarter of an hour; about 2 P.M. (after 25 drops),[3].—Pres-

sive pain behind the frontal and nasal bones, from within outward,[37].—Dull pressive pain in the forehead (five minutes after 5 drops),[9].—[**110.**] Violent pressive pain in the left frontal region, gradually extending over the whole head, making thought and other mental operations very difficult, but in no way affecting the sleep at night; the same pain was felt the next morning on waking, and lasted till 3 P.M.,[7].—A very violent pressing pain in the left frontal eminence (after two hours),[37].—Pressive headache in the frontal region, lasting a quarter of an hour, and gradually disappearing (five minutes after 10 drops),[5].—Pressive headache in the left side of the forehead (after three hours),[37].—Pressive headache, as if the frontal bones were pressed outward and raised up,[37].—Pressive headache, a forcing from within outward towards the frontal bone,[37].—Oppression of the forehead, with confusion of the head, and small accelerated pulse (after 20 drops),[9].—Sticking in the right frontal eminence,[14].—Sticking in the left, soon afterwards also in the right, frontal eminence, lasting a long time, at 2 P.M.,[14].—Acute sticking in the right frontal eminence (after 2.30 P.M.),[14].—[**120.**] Fine sticking in the middle of the forehead, on walking in the open air (after three-quarters of an hour),[14].—Tearing in the forehead, extending to the vertex, at 2 P.M.,[14].—Tearing in the middle of the forehead, with a feeling of heat, without external heat (after half an hour),[14].—Tearing low down in the forehead (after one hour),[14].—Violent throbbing headache in the forehead, immediately,[13].—A shock in the forehead (after three-quarters of an hour),[14].—Painful crawling in the forehead, with dulness and heaviness of the head, worse on stooping, lasting five minutes (after two hours),[14].—***Temples.*** Pain in the right temporal bone (after three and four hours),[13].—Pressure in the left temple, on entering a room (after one hour and a half),[14].—A painful pressure from within outward beneath the right temporal bone (after five hours),[37].—[**130.**] Pressive pain in the left temple, at 4 P.M.,[13].—Sticking pain in the left temple (soon after 14 drops),[12].—Tearing in the right temple (after two hours),[14].—Tearing from above downward in the right temple (after a quarter of an hour),[14].—Tearing in the left temple from below upward, not entirely disappearing on rubbing (after two hours and a half),[14].—Throbbing in the right temple, as with a finger (after half an hour),[14].—***Vertex.*** A feeling as though ice were lying on the vertex, afterwards also on the forehead, then in the nape of the neck, and so on, till after an hour it occurred in the small of the back, where it seemed to her very agreeable; therewith all the head troubles disappeared (after two hours and a half),[14].—Heaviness in the vertex, especially on stooping, relieved on rising up (after half an hour),[14].—A constant sensation in the vertex almost like a contraction, and heat (after one hour),[14].—A frequent transient aching in the upper part of the head (after one hour),[14].—[**140.**] Pressure upon the top of the head, as from a weight (after a quarter of an hour),[14].—Pressing pain in the left side of the vertex (after two hours),[14].—Many fine stitches in succession in the vertex, relieved by stooping, again aggravated on rising, and then disappearing of themselves (after one hour),[14].—Tearing in the left side of the top of the head (after one hour and a quarter),[14].—Tearing from the left temple to the vertex, thence it extends to behind the left external canthus, and into the zygoma, then into a neighboring tooth, where it becomes a jerking, and disappears (after one hour and a half),[14].—***Parietals.*** Slight headache on the left side,[1].—Boring in the left side of the head, not relieved by pressing upon it, followed by dulness (after one hour and a half),[14].—Pressive pain in the right parietal bone near the vertex, aggravated by touch (after 35 drops),[3].—A

dull pressive pain over the whole left side of the head, continuing for several hours (after 25 drops),[1].—Sticking in the whole left side of the head, as with large needles (after three hours and a half),[14].—[150.] Sticking in the left side of the head, and boring in front of the left ear (after four hours),[14].—Sticking and throbbing in the right side of the head (after one hour and a half),[14].—Violent sticking and beating in the right side of the head, aggravated by stooping (after one hour and a half),[14].—Tearing in the left side of the head, at 2 P.M. (second day),[14].—A shock in the left side of the head, in a small spot, then a feeling in the same side as if beaten; then dulness in the head (after one hour),[14].—***Occiput.*** Sensation in the occiput as if the tendons were too short and the head would be drawn backwards, like a painful heaviness, with cessation of the pain in the forehead (after two hours and a half),[14].—Feeling of tension in the right side of the occiput, as when one takes hold of a lock of hair (after two hours),[14].—Drawing in the right side of the occiput deep internally (after a quarter of an hour),[14].—Twinging pain in the occiput, with sleepiness, of short duration, and not violent (after half an hour),[13].—A painful pressure on the left side of the occiput, extending to the neck,[37].—[160.] Painful pressure from within outward beneath the left side of the occipital bone, with which nearly all his thoughts vanished,[37].—A stitch in the right side of the occiput (after three-quarters of an hour),[14].—Transient stitches in the occiput or forehead (after 16 drops),[12].—Two transient stitches in the occiput (five minutes after 5 drops),[9].—Dull stitch in the right side of the occiput (after a quarter of an hour),[14].—Throbbing in the left side of the occiput, lasting several minutes (after three-quarters of an hour),[14].—Fine sticking in the skin on the right side of the occiput (after two hours and a half),[14].—***External Head.*** Crawling and itching as from vermin on the scalp (second day),[38].—Tickling in the right side of the occiput, relieved by scratching (after one hour),[14].—Itching here and there in the head (after one hour),[14].—[170.] Itching on the right side of the head in a small spot (after two hours and a half),[14].—Itching on the scalp behind the right side of the forehead, at 2 P.M.,[14].—Itching, now in the front, now in the back part of the right side of the head, not relieved by scratching (after half an hour),[14].—Itching in a small spot in the left side of the head, more in the upper part (after two hours and a half),[14].—Itching on the scalp behind the left side of the forehead, at 2 P.M.,[14].

Eye.—Objective. Staring eyes,[23].—The vessels in a small spot in the inner canthus of the left eye were injected with blood, without pain,[37].—***Subjective.*** The eyes are dry; he feels increased warmth in them,[37].—Dryness and burning in the eyes, in the evening, by the light,[14].—The eyes burn, are dim and weak (sixth day),[14].—[180.] Burning in the left external canthus (after three hours),[14].—Burning and sticking in both eyes, especially in the right, and particularly in the inner canthus, for several evenings,[14].—Transient burning in the right eye, at 4 P.M.,[14].—Violent burning in the eyes, in the evening by the light (second evening),[14].—Pressure in the eyes, in the evening,[37].—Feeling as though the eyes would be pressed out, though painless (after half an hour),[14].—A stitch externally to the left canthus (after one hour),[14].—Constant scraping sensation in the right inner canthus (after four hours),[14].—Biting in the right eye as from salt, at 2 P.M.,[14].—Itching in the left eye, at 4 P.M.,[14].—[190.] Itching of the left eye, relieved by rubbing, after 2.30 P.M.,[14].—Itching in the left inner canthus,[14].—Itching in the left inner canthus, which changes to pressure; in the inner canthus, vessels filled with blood extend branching like a tree towards the

pupil,[37].—Violent itching in the left eye (third afternoon),[11].—***Brow and Orbit.*** Violent aching around the eyes, especially the left, constantly increasing till the ninth day,[14].—Drawing in the upper margin of both orbits, on exerting the eyes (after two hours),[14].—Pressure towards the orbits from the head, and a feeling as though water would be pressed out of the eyes, followed during the day by increased lachrymation (after 14 drops),[12].—Tearing in the left superciliary ridge; thence it extends into the teeth and right lower jaw (after five minutes),[14].—***Lids.*** The eyelids were tightly closed, the pupils very much dilated, and without any contractility,[16].—Agglutination of the eyes, in the morning (second day),[14].—[200.] Agglutination of the left eye, only transiently relieved by washing (eighth day),[14].—Slight burning in the eyelids,[38].—The eyelids cause a pressive pain in the eyes, as if they were too dry and he had not slept enough,[37].—Burning jerking in right lower lid (after two hours),[14].—Itching beneath the right upper lid, disappearing after scratching (after four hours),[14].—Itching in the right inner canthus, relieved by rubbing,[37].—***Lachrymal Apparatus.*** Watering of the left eye, transient, at 2 P.M.,[14].—Lachrymation in the morning (fourth day),[14].—Itching in the left inner canthus causes lachrymation, only transiently relieved by rubbing,[37].—***Ball.*** A sensation as of a band around the eyeball, mingled with some stitches,[37].—***Pupil.*** [210.] Dilatation of the pupils,[37].—The right pupil is more dilated than the left,[37].—***Vision.*** **Obscuration of vision;* she did not see objects very distinctly (after a quarter of an hour),[14].—Vision became very difficult; she saw objects only indistinctly (after one hour and a half),[14].—Remarkable illusion of vision; everything seems excessively large, with the greatest anxiety; for example, the chairs seem as though one could not get off of them; the flight of steps as though one could not go down them; but, as soon as the objects were touched, the illusion disappeared, and everything assumed its natural shape (coffee an antidote),[24].—While awake, he fancies that he sees old men with long beards and distorted faces; and sparks of fire,[17].

Ear.—External. Boring in the right external concha (after two hours),[14].—Drawing in the muscles behind the right ear,[38].—Fine stitches in front of left ear (after half an hour),[14].—***Middle.*** Burning pain in the left ear (after one hour and a half),[14].—[220.] A feeling of distension in the right ear (after half an hour),[38].—Earache, worse in the left (after two hours),[37].—Aching in the left ear (after half an hour),[14].—A pressive sensation in the right ear (soon),[38].—Violent stitches coming out of the left ear (after two hours),[14].—Fine stitch in the right ear (after one hour and a half),[14].—Tearing, coming out of the left ear and behind it (after three-quarters of an hour),[14].—Fine tearing extending into the right ear, not relieved by boring into it (after one hour and a half),[14].—Crawling in the left ear (after one hour and a half),[14].—Crawling deep in the left ear, not relieved by boring in it (after four hours),[14].—[230.] Crawling in the right ear, as after going to sleep, soon after dinner,[14].—Itching in the right ear, not relieved by boring into it (after half an hour),[14].—Itching in the left ear, relieved by boring into it, at 3 P.M.,[14].—***Hearing.*** Roaring and whizzing in the left ear,[37].—Whizzing in the left ear, disappearing of itself (after one hour),[14].

Nose.—Objective. Ineffectual attempts to sneeze (after three-quarters of an hour),[14].—Sneezing,[37]; at 2 P.M., and twice at 4 P.M.,[14].—Sneezing, with yawning, frequently (after half an hour),[14].—Violent sneezing, followed by fluent nasal mucus, at 5 A.M. (second day),[14].—The secretion

of mucus in the nose is suppressed, without the slightest sensation of catarrh,[37].—[240.] The catarrh becomes loosened (after two hours),[14].—Stopped catarrh, on stooping, can get no air through the nose, in the morning (second day),[14].—***Subjective.*** Stoppage of the nose, as if coryza would come on, at 5 P.M.,[14].—Stoppage of the nose, she could scarcely get any air in (after three-quarters of an hour); can get no air through the nose (after one hour and a half); the stoppage of the nose loosens (after two hours),[14].—Feeling of coldness as from ice near both wings of the nose,[37].—Feeling in the nose as though catarrh would appear (after one hour and a half),[14].—Feeling above the nose as in catarrh (third hour),[14].—Feeling of fulness in the nose (after two hours and a half),[14].—Cramplike pain in the right nasal bone (after a quarter of an hour),[37].—Drawing extending up through the nose (after one hour and a half),[14].—[250.] A pressing-forward sensation in the upper nasal region (after one hour),[14].—Pressing-asunder pain in the nasal bones,[37].—At one time sticking, at another pressing-inward in the root of the nose (after three-quarters of an hour),[14].—Fine stitches externally in the right wing of the nose, at 2.30 P.M.,[14].—Frequent slight crawling and itching on the left outer wing of the nose, which, when touched on the inside, was painful as if ulcerated,[37].—Tickling in the right nostril (after two hours),[14].—Itching in the upper part of the nose (after three-quarters of an hour),[14].—Itching of the left wing of the nose (after three-quarters of an hour),[14].—Itching in both nostrils disappearing on rubbing (after two hours and three-quarters),[14].—Violent itching in the nose,[17].—[260.] Painful itching above the root of the nose (after two hours and a half),[14].—***Smell.*** He smells the medicine in the open air (after a quarter of an hour),[14].

Face.—Sleepy look (after three hours),[14].—Pale look (after seven days),[14].—Face yellow, earthy,[37].—Face spotted yellow,[37].—The liver spots in the face seem to become more distinct than ever (after one hour and a quarter),[14].—Puffy face,[25].—The features become spasmodically distorted, (soon),[26].—***Cheeks.*** Burning internally in the right cheek (after one hour and a half),[14].—[270.] Tension as if one pressed firmly with a nail on the left zygoma, with some itching (after three hours),[14].—***Chin.*** Inclination to close the teeth tightly, as in tetanus (after a few minutes),[38].—A pain in the articulation of the jaw as if it would be dislocated,[37].—A stitch near the left side of the chin, in the afternoon,[14].—Fine stitch in the left lower jaw, while walking in the open air (after three-quarters of an hour),[14].—Transient tearing in the left angle of the lower jaw, and the lower back teeth (after three-quarters of an hour),[14].—Violent bruised pain in the whole lower jaw, lasting half an hour, at 7 P.M.,[14].—Gnawing as if in the bone, on the right side near the chin (after three-quarters of an hour),[14].

Mouth.—Teeth. A back tooth in the left lower row seems larger and longer (after one hour and a quarter),[14].—A painful sensation in the back teeth of the left side, relieved by biting the teeth together,[37].—[280.] Boring and digging in the left lower back teeth, drawing back and forth, relieved by neither pressure nor biting upon them, during dinner,[14].—Sticking pain in several teeth of the right lower jaw (after one hour),[37].—A dull sticking pain in the teeth, now of the lower, now of the upper jaw; at one time beneath the parietal bone, at another beneath the temporal bone,[37].—Dull sticking toothache,[37].—Tearing in the left upper eye-tooth, relieved by pressing upon it (after one hour),[14].—Tearing in the left lower back teeth, and in the gum (after one hour and a quarter); relieved by cold water,[14].—

Gnawing and boring in the right lower teeth, during supper, frequently intermitting, disappearing after eating,[11].—Violent jerking toothache in the left lower row, in the evening,[14].—***Tongue.*** Tongue coated white,[37].—Tongue coated with dirty white mucus in the morning, and the taste in the mouth was flat, as if he had had a paroxysm of ague; he even felt an emptiness and goneness in the stomach,[37].—[290.] The left side of the tongue was swollen and stiff, painful as if something was sticking into it; two evenings in succession,[37].—Tongue dry (after a quarter of an hour),[14].—The tongue is dry and raw after eating, with accumulation of saliva in the mouth,[37].—The back of the tongue was sticky, with constant watery saliva in the forepart of the mouth,[37].—Burning on the tip of the tongue, as from a cut; soon disappearing (after four hours),[14].—A feeling as if the tongue had been burnt, causing a sensation as if blunted, after eating,[37].—Sore pain on the margin of the tongue,[37].—***General Mouth.*** Dryness in the mouth,[1].—Mouth dry and coated (second morning),[14].—Feeling as though he had a very offensive breath, and the same kind of taste on the tongue (after one hour and a quarter),[14].—***Saliva.*** [300.] Increased saliva in the mouth, with dryness of the throat,[38].—Accumulation of saliva in the mouth, and ecptysis (after two hours),[14].—Frequent spitting of saliva (after a quarter of an hour),[14].—Watery saliva collects in the mouth (after two hours),[14].—A constant thin watery saliva in the mouth, of a feverish taste,[37].—Collection of sourish saliva in the mouth (after ten minutes),[14].—Accumulation of tenacious mucus in the throat, every morning, when fasting,[38].—Accumulation of water in the mouth (after half an hour),[14].—Accumulation of water in the mouth, with nausea, lasting half an hour,[14].—Accumulation of water, qualmishness and nausea, disappearing for three-quarters of an hour, and again returning, relieved by eructations (after three-quarters of an hour),[14].—***Taste.*** [310.] Taste flat, insipid,[37].—Feverish taste, all day,[37].—Taste slimy and pasty,[37].—Taste and odor of peach brandy in the mouth (after a quarter of an hour),[14].

Throat.—Objective. Ineffectual hawking (after five minutes),[14].—Frequent hawking on account of rawness in the throat (after three-quarters of an hour),[14].—Hawking of mucus (soon),[14].—Hawking of mucus (after three-quarters of an hour, and one hour and a half),[14].—Frequent hawking of mucus in the morning (fourth day),[14].—He hawks sweetish mucus, at 2 P.M.,[14].—[320.] A piece of watery mucus comes into the throat, which is easily expectorated without hawking (after one hour and a quarter),[14].—***Subjective.*** Heat in the throat, with hoarseness (after two minutes),[14].—Burning and rawness in the throat (after one hour and a half),[14].—Burning in the throat and palate, lasting a long time, afterwards in the palate only,[14].—Slight burning and some pain in the throat (after two hours),[38].—Dull pain in the throat, chest, region of the heart and stomach, and in the scapula, only on the right side (after one hour),[13].—Painful drawing downward in the throat, when swallowing and when not, frequent and long-lasting, disappearing after eating soup (after one hour),[14].—Dull sticking pain as from a lump in the throat, which extends to the left side of the back,[37].—Tearing, from the occiput to the throat, only somewhat relieved by rubbing (after half an hour),[14].—Scraping in the throat,[1 12].—[330.] Scraping in the throat before and during cough (after three hours),[14].—Scraping in the throat and larynx, with hoarseness and frequent need to cough (after 16 drops),[12].—Rawness in the throat, lasting an hour, frequently returning in the afternoon (after half an hour),[14].—Rawness in the throat with hacking (after a quarter of an hour),[11].—Rawness in the throat,

causing some cough, soon disappearing, in the morning (fourth day),[14].—Rawness and scraping in the throat, which provokes a hacking cough (after five minutes),[14].—Frequent hacking on account of rawness in the throat (after three-quarters of an hour),[14].—Speech is difficult on account of rawness in the throat (after three-quarters of an hour),[14].—Roughness of the throat (after 20 drops),[11].—Roughness and scraping in the throat, on swallowing, somewhat relieved after swallowing (after five hours),[14].—[340.] A choking pain in the upper part of the pharynx, which involves the chest and causes a kind of oppression in it; this pain then extends over the whole neck and face; with dull sticking pain in the teeth, and a feeling in some of them as if they had been raised up,[37].—She was able to swallow only after consciousness had somewhat returned,[16].—***External Throat.*** Pain as from stiffness in the left side of the neck and throat, neither aggravated nor relieved by motion (after forty hours),[37].—Spasmodic contractive sensation in the anterior cervical muscles, while drinking (after one hour),[14].

Stomach.—Appetite. Appetite unusually great,[1].—Great hunger (after four hours),[14].—Appetite less than usual (second morning),[5].—Loss of appetite was the primary effect; the appetite became very good in the secondary action, better than formerly; he ate more, with greater relish, and it agreed with him (after twenty-four hours),[37].—***Thirst.*** Increased thirst,[12].—Much thirst,[37].—[350.] Great thirst (after 16 drops),[12].—Excessive thirst, with dryness in the mouth, without heat, at 8.30 P.M., also at 4 P.M. (second day),[13].—***Eructation and Hiccough.*** Inclination to (ineffectual) eructations (after a quarter of an hour),[14].—Eructations and ineffectual sneezing (after a quarter of an hour),[14].—Frequent tasteless eructations (after 25 drops),[5].—Incomplete eructations (after one hour and a half),[14].—Empty eructations (after five minutes and two hours),[14].—Empty eructations, after breakfast,[14].—Frequent empty eructations (after one hour),[14].—Eructations of air (after three-quarters of an hour),[14].—[360.] Eructations tasting of the food, at 2 P.M.,[14].—Eructations of the breakfast (after half an hour),[14].—Eructations twice, tasting of the porridge that had just been eaten (after one hour and a quarter),[14].—Eructations tasting of the drug, followed by burning in the stomach (after a quarter of an hour),[14].—Sweetish eructations (after half an hour),[14].—Bitter eructations, during and after breakfast (after one hour and a quarter),[14].—Eructations of a rancid taste (after five minutes), (and also on previous days),[14].—Eructations tasting of bitter almonds (after five minutes),[14].—Risings of tasteless water, after which the nausea gradually disappears (after half an hour),[14].—Heat rises from the stomach (after half an hour),[14].—[370.] A feeling as though hot vapor rose from the stomach to the shoulders (after one hour),[14].—Hiccough, twice (after a quarter of an hour); also, all day,[14].—***Nausea and Vomiting.*** Nausea,[23]; immediately,[14].—Nausea in the stomach (after one hour),[14].—Nausea and qualmishness in the stomach (after a quarter of an hour),[14].—Nausea and vomiting,[27].—Nausea, stomachache, after dinner (second day),[14].—Nausea with colic, soon disappearing, in the morning,[37].—Slight transient nausea (after 20 drops),[10].—Became nauseated in the morning, with a feeling of hunger in the stomach, yet food nauseated him,[37].—[380.] A peculiar feeling in the epigastric region, not exactly nausea, but somewhat similar to the sensation that precedes vomiting (after 15 drops),[5].—He feels sick and nauseated (after ten hours),[37].—He became sick, as if he had taken an emetic, in the morning in bed (after twenty-four hours),[37].—He became faint and qualmish about the heart, with anxious warmth, as if he had taken an emetic, and could not

vomit; in the afternoon (after forty hours),[37].—Vomiting,[17 23].—***Stomach.*** Moving about in the stomach (after five minutes),[14].—Rumbling in the stomach, followed by sour eructations (after half an hour),[14].—Prolonged rumbling in the stomach,[14].—Agreeable warmth in the stomach and abdomen (soon),[14].—Feeling of emptiness in the stomach (after 35 drops),[5].—[**390.**] Feeling of weakness in the stomach (after one hour and a half),[14].—Discomfort in the stomach, as from fasting (after a quarter of an hour),[14].—Feeling as of a disordered stomach, after dinner, disappearing after eating bread,[14].—Pain in the epigastric region, while urinating, disappearing after urinating (after two hours),[14].—Pain in the stomach with qualmishness (after five to six hours),[13].—Pain and nausea in the stomach (after half an hour),[14].—Pain in the stomach similar to a faintness, in the morning (sixth day),[14].—Violent pain in the stomach, soon followed by loss of speech, and death after one hour; without vomiting, convulsions, discharges from the bowels, or any external alteration (from about 10 drachms of Aqua Laurocerasi),[28].—Most violent pain in the stomach, followed by death,[28].†—Burning in the stomach,[14].—[**400.**] Burning in the pit of the stomach, soon disappearing (after half an hour),[14].—Burning in the stomach, and warmth in the whole abdomen, after beer, in the morning,[14].—Cooling burning in the stomach and abdomen, lasting a long time (after five minutes),[14].—Feeling as if the stomach were full of water, with nausea (after a quarter of an hour),[14].—Most violent distension in the stomach; loss of speech and death, but without vomiting, diarrhœa or previous convulsions,[28].‡—Feeling of contraction in the epigastric region (after half an hour),[14].—Contractive feeling in the stomach, at 2 P.M.,[14].—A cramplike pulling pain in the pit of the stomach in the evening on getting into bed and lying on one side; with a small, weak, contracted pulse; this only disappeared when lying quietly on the back (after sixteen hours),[37].—Pressure in the stomach, with nausea (after half an hour),[14].—Severe pressure in the stomach,[22].—[**410.**] Violent pressure in the epigastric region,[39].—Cramplike sticking pain above the pit of the stomach,[37].—Violent stitch in the pit of the stomach (after two hours and a half),[14].—Violent stitch, extending through the pit of the stomach into the small of the back (after half an hour),[14].

Abdomen.—Hypochondria. The hepatic region is greatly distended, painful as if suppurating, and as if an ulcer would develop,[37].—Pain in the left hypochondriac region, neither sticking nor burning (after five minutes),[14].—Pain in the left hypochondriac region, not disappearing on rubbing, also not aggravated by breathing (after one hour),[14].—Indescribable pain in the right hypochondriac region, extending towards the small of the back (after one hour),[14].—A simple pain in the right hypochondriac region (after five minutes),[14].—Burning in the right hypochondriac region at 3 P.M.,[14].—[**420.**] Twinging in the left hypochondrium (after half an hour),[14].—Sticking, pressive pains in the liver,[37].—Sticking in the right hypochondriac region about 1 P.M.; extending towards the axilla, at 2 P.M.,[14].—Frequent sticking and burning in the right hypochondriac region, so that the spot became painful even to touch (after three hours),[14].—Burning-sticking in the right hypochondriac region, towards the back, which after rubbing goes to the middle of the scapula (after three-quarters of an hour),[14].—Two stitches in succession in the right hypochondriac region, extending towards the back (after one hour),[14].—Two stitches in

† In a young person who had drank some Aq. Lauro. from a bottle.
‡ In a woman who drank 10 drachms of Aq. Lauro. in an hour.

the right hypochondriac region; immediately afterwards burning, extending backwards (after three hours),[14].—Sharp stitches in the left hypochondriac region, extending forward, at 2 P.M.,[14].—A very sharp stitch in the right hypochondriac region (after two hours and a half),[14].—A fine stitch in the right hypochondriac region (after three-quarters of an hour),[14].—[430.] Some coarse stitches in the right hypochondriac region, extending backward, followed by a violent stitch in the nates, so that he was obliged to cry out (after two hours),[14].—A paralytic bruised pain, extending from the liver to the shoulder, noticed on every inspiration,[37].—Beating and bubbling in the liver, as in a sore finger,[37].—***Umbilical and Sides.*** Distension in the umbilical region (after half an hour),[14].—Pinching and tearing about the umbilicus at 2 P.M.,[14].—Griping in the umbilical region, and two pasty stools in succession,[38].—Twinging about the umbilicus, at 3 P.M.,[14].—Twinging about the umbilicus, and sticking in the small of the back at 10 P.M.,[14].—Twinging pain extending from both hypochondria to the umbilicus, where it is most painful; soon disappearing (after five minutes),[14].—A feeling below the umbilicus as if the intestines were cut to pieces, followed by moving about in the abdomen; relieved by emissions of flatus at 3.30 P.M.,[14].—[440.] A feeling about the umbilicus as if something had torn loose there at 2 P.M.,[14].—Rumbling in the right side of the abdomen (after two hours and a half),[14].—A painful weary sensation in the right flank, as if he had walked several miles (after twenty-four hours),[37].—Dull sticking-drawing pain in the right side above the umbilicus (after two hours),[38].—Painful drawing pressure in the right side of the abdomen, lasting a long time (after two hours),[14].—Cutting in both sides of the abdomen, disappearing after emission of flatus,[14].—Sticking in the left side of the abdomen at 3 P.M.,[14].—Sticking from the right side of the abdomen, near the umbilicus, coming out at the left groin (after one hour and a half),[14].—Several successive stitches in the left side of the abdomen; after the morning beer,[14].—A pinching stitch in the left side of the abdomen, that chiefly spreads upward,[37].—***General Abdomen.*** [450.] The abdomen is hard, and the skin distended and tympanitic,[37].—Almost all food distends the abdomen, and he then feels stuffed,[37].—The abdomen is drawn more tightly together, with a general comfortable feeling (after four days),[14].—The abdomen is retracted, and if he presses it out there is a stitch externally towards the right clavicle (after one hour and a half),[14].—Moving about in the abdomen, during supper (after one hour),[14].—Moving about in the abdomen from right to left, where it becomes a sticking, and disappears (after a quarter of an hour),[14].—Moving about in the whole abdomen, with burning (soon),[14].—Moving about in the upper abdomen; together with a stitch in the stomach (after three-quarters of an hour),[14].—Rumbling in the abdomen at 2 P.M.,[14].—Audible rumbling in all the intestines (after a quarter of an hour),[14].—[460.] Emission of flatus (after a quarter of an hour),[14].—Emission of flatus after stool, after dinner,[14].—Frequent easy emission of flatus,[14].—Loud emission of flatus (after one hour and a half),[14].—*Coldness and audible rumbling in the whole abdomen (soon),[14].—Burning in the whole abdomen (after three-quarters of an hour),[14].—Feeling of distension below the umbilicus (after one hour and a half),[14].—Contraction and pinching from both sides of the abdomen, at 2 P.M.,[14].—Pinching in the whole abdomen, especially in the middle, at 2 P.M.,[14].—Pinching in the whole abdomen, mostly in the left side, followed by soft stool, without tenesmus (after a quarter of an hour).[14].—[470.] Pinching in the upper abdomen, afterwards a stitch in the middle of it (after one hour and a half),[14].—Pinching and

contraction in the upper abdomen, followed by sticking in the left hypochondriac region, near the back (after one hour),[14].—Violent griping in the abdomen, extending from both sides towards the centre, followed by two successive diarrhœa-like stools, with tenesmus (after thirty-six hours),[14].—Twinging in the abdomen and moving about, followed by soft stool,† (after one hour and a half),[14].—Frequent short twinges about the middle of the abdomen (after two hours),[14].—Cutting in the abdomen, in the afternoon while walking,[14].—Cutting in the abdomen, followed by diarrhœa, at 2 and 4 P.M. (third day),[14].—Cutting in the upper abdomen, and a stitch in the left hypochondrium (after one hour and a half),[14].—Violent cutting about the middle of the upper abdomen, coming from both sides, at 9 P.M.,[14].—Awakened at 2 A.M., by terrible cutting and contractive pain in the whole abdomen, lasting two hours, followed by two successive diarrhœa-like stools, and cessation of the pain (seventh day),[14].—[480.] Two stitches in the middle of the upper abdomen, afterwards in the right hypochondriac region (after five minutes),[14].—Violent colic lasting twenty minutes, without alteration of the pulse (after half an hour),[13].—Pinching, sticking, pressive, flatulent pain in the right side of the abdomen, which disappears after the emission of some flatus, but soon returns (after one hour),[37].—***Hypogastrium and Iliac Regions.*** Flatus accumulates towards the perineum and causes a forcing and pressing outward,[37].—Flatulence presses upon the bladder,[37].—Fulness in the lower abdomen, relieved by emission of flatus (second day),[14].—Feeling as from a swelling as large as a nut in the left side of the lower abdomen, with sticking pain, if she presses it with the fingers when stooping, relieved by becoming erect, at 2 P.M.,[14].—Violent contractive pain in the lower abdomen above the pubis on both sides, at 7 P.M.; also in bed, lasting an hour,[14].—Slight pinching in both sides of the lower abdomen, which then extends into the small of the back (after one hour),[14].—Twinging, extending from both sides of the lower abdomen towards the middle, followed by stitches in the right hypochondriac region (after half an hour),[14].—[490.] Pressure and tension beneath both Poupart's ligaments, as if a part would press through,[37].—Sticking pain above the right pubis, extending along the spermatic cord, while lying and on moving about, disappearing when sitting up,[37].—Contractive pain in the right groin, after dinner (after four hours),[14].—Contractive pain in both groins, extending downwards, so that she was obliged to bend up for two hours, about 4 P.M.,[14].—Stitches in the right groin, on the ilium, at 1.30 P.M.,[14].—Stitches in the left groin, on stooping, disappearing on becoming erect (after three-quarters of an hour),[14].—Stitches in the left groin, if she inclines forward toward the left side, disappearing on becoming erect, at 2 P.M.,[14].—Four or five stitches in succession in the left groin (after half an hour),[14].—Stitch in the right groin; then moving about in the stomach (after three-quarters of an hour),[14].—Stitch like a fleabite in the right groin, during dinner (after four hours),[14].—[500.] Sharp stitches in the right groin (after a quarter of an hour),[14].—Fine stitches in the right inguinal region, extending towards the thighs, an hour after dinner,[14].—Tearing extending from the umbilical region towards the right groin, at 6 P.M.,[14].—A bubbling pain above the left ilium,[37].

Rectum and Anus.—Periodic rumbling and gurgling in the rectum (first hours),[38].—The rectum feels constricted,[37].—Burning in the anus in the morning (seventh day),[14].—Violent burning in the anus, after

† This had also been noticed before taking the drug.

a stool (in the evening; also second day),[14].—A feeling like a contraction in the rectum,[37].—Cramp in the rectum extends upward from the anus,[37].—[510.] Fine sticking in the rectum, after urging to stool,[14].—A stitch as with an awl in the rectum during stool, which shoots from above downward; followed by discharge of some pasty fæces,[37].—Three tearings in succession in the rectum (after two hours),[14].—Crawling in the rectum as from worms, in the evening in bed,[14].—Itching and crawling in the rectum, in the morning (second day),[14].—Desire for stool with passage of only flatus, while walking (after one hour),[14].—Ineffectual desire for stool; she was obliged to go frequently,[14].

Stool.—Diarrhœa. Diarrhœa once, followed by burning in the anus (seventh day),[14].—Diarrhœa, without tenesmus, in the evening (fifth day),[14].—Diarrhœa twice, with tenesmus, in the morning (fourth day),[14].—[520.] (The diarrhœa, with tenesmus, from which he had suffered ceased), (after two hours),[14].—Diarrhœa, with tenesmus, returns in the afternoon,[14].—Diarrhœa, at one time with, at another without, tenesmus (in the evening, first and second days, and in the morning, third day),[14].—Diarrhœa, consisting of thin greenish mucus, with contraction in the groin, four times in two hours, without relief; at 2 P.M. (second day),[14].—(This prover was tormented by an obstinate diarrhœa, commencing the day after the last dose, and lasting nine days; he had three watery stools daily, especially after midnight; which, however, were not ascribed to the action of the drug),[2].—Involuntary stool and micturition,[40].—Soft stool twice (first evening),[14].—Stool in the evening the third time, and after the stool tenesmus,[14].—Soft stool twice in succession, without relief of the pain, at 5 P.M.,[14].—Two soft stools (second morning),[14].—[530.] Desire for stool; five minutes after a soft stool (after one hour and a half),[14].—Soft stool at 4 P.M.,[14].—Urging and soft stool, after dinner,[14].—Pressure and soft stool, followed by some tenesmus (after one hour and a half),[14].—Soft stool, with pressing (after one hour),[14].—Thin stool (after two hours),[14].—Soft stool with tenesmus (second morning),[14].—Soft stool first (after eighteen hours); after the stool burning in the anus; during the stool twinging in the upper abdomen; after dinner,[14].—Stool pasty, seven hours earlier than usual, with slight pain as from a cold, about 5 A.M.,[37].—Stool several hours later than usual, but of the normal consistence,[37].—[540.] Stool drier and harder than usual (after last three doses),[9].—A second evacuation of the bowels towards evening, which was difficult and dry (after 14 drops),[12].—Stool with pressure at 6 A.M. (second day),[14].—Stool at first somewhat hard, afterwards somewhat softer, with colic, as from taking cold, and tenesmus in the rectum, as though more stool would follow,[37].—Hard stool, contrary to habit,[14].—Hard stool, at noon, with urging,[14].—Hard stool, with some pressure (after three-quarters of an hour),[14].—Stool hard, with pressure (second morning),[14].—Hard stool, with pressure, followed by burning in the anus (eighth day),[14].—Stool hard, without much pressure, twelve hours too late,[37].—[550.] Stool hard, difficult,[37].—***Constipation.*** Constipation, stool hard and dry (after 16 drops),[12].—Complete constipation for eight days,[13].—Stool every two or three days; after which the abdomen continued full, with a feeling as though he had accomplished nothing, and a peevish mood,[37].—No stool (first day),[14].—No stool (first and second day), hard stool (third day),[14].

Urinary Organs.—Bladder. It was impossible to pass a drop of urine, the bladder and sphincter ani were completely paralyzed; this condition lasted five days,[17].—Pressure upon the bladder after dinner; he had to press a long time before the urine passed, and then but little was

evacuated; but he felt very much relieved (after three days),[37].—***Urethra.*** Burning in the urethra, and urging after urinating (second morning),[14].—Itching in the forepart of the urethra,[37].—***Micturition.*** [560.] Micturition (after three minutes), (he had urinated an hour previously),[14].—Urinating a second time, contrary to habit (after one hour),[11].—Urinates the fourth time, at 4 P.M.,[14].—Frequent emission of scanty urine,[14].—He is obliged to rise from bed early in the morning to urinate, but only a little passes,[37].—Only a few drops of urine during the stool,[14].—The urine passed slowly and indolently,[37].—The urine waited some time before it passed, in the morning (eighth day),[14].—Urine after three hours as usual, but she was obliged to wait for some time before it passed, preceded by painful urging,[14].—***Urine.*** [570.] Urine increased (third, fourth, and fifth days),[11].—Urine increased in the morning (second day),[14].—The urine is apparently increased; the first since the morning after taking (after three hours and a half),[14].—The urine seems to be increased in the afternoon, and becomes turbid over night,[11].—Urine increased in the afternoon, soon depositing a thin cloud,[14].—Urine increased in the evening, with burning while urinating (first day),[14].—Urine increased while walking (at 4 P.M., and also second day),[14].—Urine a pale yellow, at 3 P.M., the second time; deposits a cloud,[14].—Scanty urine (after half an hour),[14].—Diminished secretion of urine; he urinates only three times in twenty-four hours, each time but little passes,[37].—[580.] No urine (first day),[14].—Urine pale and of the usual amount (after one hour),[14].—Urine pale, seems to be increased (after one hour),[14].—Urine yellow and scanty (after three hours and a half),[14].—Urine watery yellow, scanty (after three-quarters of an hour),[14].—Urine pale yellow, the second time since rising (after one hour),[14].—Urine golden yellow, after a short time a cloud forms in the middle of it,[37].—Urine too acrid, so that the pudenda are made sore thereby (at least, this seems to be the cause of the burning),[14].—Urine frothy all day; of the usual quantity (after two hours); three times in the day,[14].—The urine after standing a quarter of an hour looks like thick clayey water,[37].—[590.] A thin pellicle like a spider's web forms after a time on the clear urine; in the middle of the urine large flakes float, and at the bottom of the vessel there is a reddish sediment,[37].—The urine deposits a small cloud (after two hours),[14].—The urine is clear when passing, but after awhile deposits very much red sediment, with white flakes of a gelatinous consistence (after four hours),[37].—Urine deposits a thickish red sediment,[7].

Sexual Organs.—Male. Erections in the evening and at night,[37].—Erections without fantasies, which had not happened for a long time, at 7 and 9 P.M.,[14].—Voluptuous itching beneath the prepuce, with desire for coition,[37].—***Female.*** Menstruation eight days too early (after six days),[14].—Menstruation eight days too early, though not more profuse than usual (after seven days),[14].—Menstruation eight days too early; during the first four days tearing in the vertex only at night, disappearing in the morning after rising; the discharge lasted eight days, was more profuse than usual, and painful; the blood was thin,[14].—[600.] Menstruation more profuse and long-lasting than usual (after seventeen days),[14].—Menstruation at the right time, but more profuse than usual; on the second day toothache; on the third day very violent cutting colic from 2 to 4 P.M., relieved by the application of warm clothes to the abdomen; on the fourth day menstruation ceased (about one day longer than usual; almost without difficulty),[14].

Respiratory Organs.—Larynx, Trachea, and Bronchi. Tenacious mucus in the upper part of the trachea (after 16 drops),[12].—

Dryness and rawness in the trachea, as from mucus which he could not loosen, but was constantly obliged to hawk (after three-quarters of an hour),[14].—Pain in the trachea on coughing. (second forenoon),[14].—Sticking from without into the larynx, which takes away the breath (after three-quarters of an hour),[14].—Sensitiveness and a feeling of drawing low down in the trachea, aggravated by swallowing (after four hours),[14].—Some rawness in the trachea (after one hour and a half),[14].—Rawness and scraping in the trachea (after two hours),[14].—Rawness in the trachea, with pain like a drawing, and hacking cough (after a quarter of an hour),[14].—[610.] Scraping in the larynx, with hoarseness; followed by increased secretion of mucus in the larynx, and frequent provocation to cough (after 14 drops),[12].—Tickling in the larynx,[12].—Tickling and rawness in the trachea (after half an hour),[14].—Fine tickling in the trachea, during the rawness (after a quarter of an hour),[14].—Tickling in the trachea provokes cough (after half an hour),[14].—Crawling in the upper bronchi, as if tickled with a feather,[37].—Itching beneath the larynx, causing a hacking cough,[37].—***Voice.*** Deep base voice (after three-quarters of an hour),[14].—Hoarseness,[12]; (after 20 drops),[11].—Hoarseness and rawness in the throat, when swallowing and when not (after one hour and a half),[14].—[620.] Hoarseness, and a feeling as though the breath were impeded in the trachea (after half an hour),[14].—Hoarseness and ineffectual provocation to cough (after three-quarters of an hour),[14].—Voice hoarse, but distinct,[40].—***Cough and Expectoration.*** Tickling in the throat provoking cough (after two hours),[14].—Slight tickling in the throat provokes a cough (during the first hours),[38].—**Cough, with a whistling sound*, and a feeling in the throat as if the mucous membrane were too dry,[37].—Paroxysms of cough,[14].—Cough in a few paroxysms (after a few hours, and frequently),[14].—(Violent cough; from inhaling the vapor of aqua Laurocerasi, in hooping cough),[23].—Frequent short cough, with roughness and hoarse speech (after a quarter of an hour),[14].—[630.] A dry, short cough, with a feeling as if mucus were hanging in the throat and could not be loosened; an hour afterwards the mucus loosens easily,[37].—Short hacking cough, at 2 P.M.,[14].—Short hacking cough, caused by tickling in the larynx (after one hour and a half),[14].—Hacking cough on account of rawness in the trachea (after one hour),[14].—Easy hacking of a piece of mucus (second morning),[14].—***Respiration.*** Slow, moaning, rattling respiration,[23].—Sobbing respiration,[37].—Respiration very slow and scarcely perceptible,[16].—Frequent deep breathing (after one hour),[14].—On inspiration breathing was impeded in the epigastric region (after one hour and a quarter),[14].—[640.] Very short breath on account of sticking pain in the right shoulder and liver,[37].—Not so much dyspnœa as usual, while walking, but motion was easy (fourth day),[14].

Chest.—Paralysis of the lungs,[40].—Very free in the chest and abdomen (fourth day),[14].—Anxiety in the chest, immediately,[13].—Pains in the chest (after five minutes),[13].—Pains in the chest, with a feeling of oppression, lasting several hours (from inhaling the vapor),[29].—Pain in a small spot below the left ribs (after half an hour),[14].—All parts of the thorax are painful on every motion,[37].—A concealed pain in the left chest,[37].—[650.] Burning in the chest, on breathing (after one hour and a quarter),[14].—Burning on the right clavicle, by the shoulder (after one hour),[14].—A pulling pain in the left pectoral muscles,[37].—Tightness in the chest, during and after breathing (after half an hour),[14].—Tightness in the chest, on stooping, not disappearing on becoming erect (after a quarter of an hour),[14].—Pinching pains in the outer surface of the left intercostal muscles,[37].—Pres-

sure in the middle of the chest (first day),[38].—Pressure in the chest, on inspiration (after one hour),[14].—Pressure upon the chest, in the room (after one hour),[14].—Pressure and tension in the chest, with a fretful mood,[37].—[660.] Pressure on the chest was often so violent that it impeded breathing and caused a fine cutting; lasting several days,[38].—Pressure in the chest, as if a weight lay upon it, at 2.30 P.M.,[14].—Decided pressure, as from a weight in the chest, especially while sitting (second, third, and fourth days),[38].—Superficial pressure upon the chest, when walking in the open air, disappearing in the room (after one hour),[14].—Feeling as though a heavy body were lying on the middle of the chest, and caused a pressive pain on deep inspiration,[37].—Oppression of the chest, unchanged by breathing (after half an hour),[14].—Cramplike oppression of the chest, very transient, during rest,[37].—Pains like knife-thrusts in the left chest, not only in the fleshy parts but in the bones, in the evening in bed,[37].—Violent sticking from both sides of the chest, extending to about a hand's breadth from the sternum (after two hours),[14].—Several stitches in succession in the last false ribs at 10 A.M. (third day),[14].—[670.] Transient stitches through the left chest,[38].—Several intermitting stitches at first violent, then less severe, in the left ribs, near the ensiform cartilage (soon),[14].—The ribs are painful, as if bruised, or as if he had ridden a long distance in a carriage, whenever he lies on the side,[37].—***Front.*** A feeling of heaviness on the sternum on stooping, immediately relieved on rising up,[37].—Sudden and transient burning above the ensiform cartilage, at 2 P.M.,[14].—Pressure on the sternum, above the ensiform cartilage (after half an hour),[14].—Pressure in the upper part of the sternum, not affected by breathing, at 2 P.M.,[14].—Pressure in the middle of the sternum (after half an hour),[14].—Pressure in the lower portion of the sternum (after three-quarters of an hour),[14].—Pressure upon the sternum, aggravated by inspiration (after half an hour),[14].—[680.] Pressing inward in a small spot on the sternum, not aggravated by inspiration, at 2 P.M.,[14].—Sticking and then burning in the sternum (after two hours and a half),[14].—Stitches in the lower portion of the sternum, somewhat to the right side; on inspiration, there is sticking through the chest into the back, at 6 P.M.,[14].—A painful stitch extending from the back through the chest into the sternum, at 2 o'clock,[14].—Fine stitches in the middle of the sternum (after half an hour),[14].—***Sides.*** Oppressive tightness on both sides of the chest (after a quarter of an hour),[38].—Sticking tension in the left side, that extends up into the neck, and there causes a tensive sticking on bending towards the left side; in the morning (after twenty-four hours),[37].—Stitches in the right side of the chest near the sternum (after one hour and a half),[14].—Coarse stitches in the right ribs towards the back (after one hour and a quarter),[14].—Some fine stitches in the left side of the chest beneath the arm (after one hour and a half),[14].—[690.] Slow stitches in the left side of the chest (after three-quarters of an hour),[14].—A stitch in the right side of the chest, so violent that he was obliged to cry out; while standing, at 6 P.M.,[14].—***Mammæ.*** Burning beneath the left mamma (after four hours),[14].—Severe stitches and burning in the left female breast (after two hours and a half),[14].—Dull stitches beneath the left breast, extending to the scapula (after a quarter of an hour),[14].—Sharp stitches in the left female breast, on laughing, but not on inspiration; frequently (after half an hour),[14].—Extremely violent needlelike stitches beneath the left mamma (after three-quarters of an hour),[14].—Fine stitches in the left female breast (after half an hour),[14].—Some fine stitches in succession beneath the left mamma (after one hour),[14].—Fine stitches in the

left breast, on inspiration (after two hours),[14].—[700.] Fine stitches as with needles beneath the left mamma at 2 P.M.,[14].—Creeping or moving stitches in the female breast, whereby the skin becomes sensitive to touch, lasting a long time (after half an hour),[14].

Heart and Pulse.—Intermitting fine sticking in the region of the heart, aggravated by inspiration (after one hour and a quarter),[14].—The pulse was accelerated and smaller than usual, during the headache (after five days),[9].—Pulse 80 (after half an hour),[14].—Pulse slow (after 25 drops),[5].—Pulse slow; entirely without energy (after 20 drops),[11].—Pulse slow, but remaining full and regular (half an hour after 10 drops),[5].—Pulse slower and weaker than usual (after 12 drops),[11].—Pulse a few beats slower than usual (first day),[1].—[710.] Pulse 12 beats slower than usual (after 35 drops),[5].—Pulse 5 or 6 beats slower than usual (after 16 drops),[12].—Pulse 4 to 6 beats less than usual (after 14 drops),[12].—Pulse 4 or 5 beats slower (after 10 drops); 5 or 6 beats slower (after 15 drops); 8 to 10 beats slower (after 20 drops); 12 beats slower (after 30 drops),[8].—Pulse diminished from 3 to 4 beats (after 8 drops),[12].—Pulse sank from 70 to 65 (after 15 drops),[6].—Pulse sank to 65 (ten minutes after 10 drops); to 60 (ten minutes after 15 drops); the pulse also became slower after succeeding doses,[2].—Pulse sank from 70 to 64 (after 35 drops),[6].—Pulse small and slow, 59 to 63 (after 60 drops),[4].—Pulse 67 to 70, normal; small and slow, 60 to 63 (a quarter of an hour after 50 drops),[4].—[720.] Pulse, usually 70 and over, was only 60 in a minute after 10 drops,[1].—Pulse small, contracted, slow, 58 to 59 (a quarter of an hour after 112 drops),[4].—The pulse in the forearm and carotids, and also the beat of the heart, were scarcely perceptible; the beats followed each other at intervals of two seconds,[26].—Pulse small,[40].—The pulse was less changed after 25 drops than after a former small dose (10 drops),[1].

Neck and Back.—Neck. Stiffness in the nape of the neck,[37].—Tension in the right side of the neck, noticed on moving the head (after three hours),[14].—Pressure in the nape of the neck, in the open air, disappearing in the house (after one hour),[14].—Painful pressure in the nape of the neck, which compels her to hold the head forward; on raising it, a painful tension; at 6.30 P.M., lasting an hour,[14].—Cramplike pressive pain in the left cervical vertebræ on turning the head towards the left, not at all noticed when at rest,[37].—[730.] Fine sticking in the right side of the neck (after three hours and a half),[14].—A stitch in the nape of the neck, towards the left shoulder, at 2 o'clock,[14].—Tearing in the neck, then in the left shoulder; not disappearing on rubbing; after dinner,[14].—Violent beating, as with a hammer, in the right side of the neck, while running (after two hours),[14].—***Back.*** Tension in the back and between the shoulders, that extends into the neck (after thirty-six hours),[37].—Slight sticking in the back (after half an hour),[14].—Stitches into the back (after one hour and a quarter),[14].—***Dorsal.*** A burrowing and boring between the shoulders, little noticed during motion, but very much aggravated during rest,[37].—Pressure inward between the shoulders (after one hour),[14].—Pressive pain beneath the point of the right scapula,[37].—[740.] Sticking pain between the shoulders,[37].—A stitch between the scapulæ, on lacing the corsets (after three-quarters of an hour),[14].—Stitch in the right scapula, towards the axilla, while standing, at 3.30 P.M.,[14].—Stitches in the tip of the left scapula, on inspiration (after one hour),[14].—Fine tearing on the upper part of the left scapula (after one hour and a half),[14].—Stitches and burning in the middle of the right scapula (after two hours),[14].—Two stitches in succession in the right scapula, towards the axilla (after one hour),[14].—Sharp stitch in the lower portion of

the right scapula (after three quarters of an hour, and frequently),[14].—Several fine stitches, in succession, in the middle of the right scapula (after one hour and a half),[14].—***Lumbar.*** Pain in the small of the back, as from weariness; on becoming erect, frequently (after three-quarters of an hour),[14].—[750.] Stitches in the right side of the small of the back (after one quarter of an hour),[14].—*A feeling extending from the abdomen into the small of the back, as if something large had fallen down (after one hour and a half),[14].—Pain like a stiffness in the small of the back and back, when writing; it immediately disappears on becoming erect, soon returning,[37].—***Sacral.*** Burning in the coccyx, at 4 P.M.,[14].

Extremities in General.—The limbs were very flexible, and remained wherever they were placed,[16].—The limbs seem paralyzed and lose their sensation,[22].—Extremities paralyzed and cold, but not insensible,[40].—Paralysis of the hands and feet,[40].—The limbs become quite numb and insensible,[39].—A feeling as if the joints were only loosely articulated,[37].—[760.] Paralytic-like pains in the articular extremities of several joints,[37].

Superior Extremities.—A feeling as though both arms were drawn inward, although she could stretch them out without pain (after three-quarters of an hour),[14].—***Shoulder.*** Weariness in the shoulders,[13].—Paralytic pain in the right shoulder,[37].—The suspender over the right shoulder becomes very annoying,[37].—Painful pressure and tension in the ligaments of the left shoulder,[37].—A pressive pain on the top of the right shoulder, or a feeling as if he had received a blow a few days before,[37].—Pressive pain in the bones of the left shoulder,[37].—Violent pressive pain in the bones of the right shoulder (after thirty-six hours),[37].—Violent pressive pains in the right shoulder-joint woke him every half hour at night, and he tossed about the bed (after twenty-four hours),[37].—[770.] Rheumatic pressive pain in the right shoulder-joint, aggravated by bending the arm backward,[37].—Sticking pain in the right shoulder,[37].—Sticking and tearing in the left shoulder towards the forepart (after two hours),[14].—Very violent sticking pains in the right shoulder,[37].—Dull sticking, with tension, on the anterior surface of the left shoulder-joint, as if the tendons were too short; if she stretches the shoulder forward; not felt on any other motion of the arm (second day),[14].—Fine sticking in the right shoulder, at 2 P.M.,[14].—A violent piercing pain in the right shoulder-joint woke him in the evening, only momentarily relieved by laying the arm over the head,[37].—Stitch beneath the left shoulder towards the forepart (after one hour),[14].—Stitches beneath the right axilla (after four hours), afterwards extending forward into the chest; with a joyous mood (after three hours),[14].—Violent stitch in the left shoulder (after two hours),[14].—[780.] Fine stitch in front of the right shoulder, together with a stitch in the axilla (after a quarter of an hour),[14].—A fine, but very painful stitch in the right axilla at 2.30 P.M.,[14].—Tearing in the right shoulder (after one hour),[14].—Pain, almost like a tearing, in the left shoulder, not disappearing on rubbing (after three-quarters of an hour),[14].—Violent tearing in the left shoulder, disappearing on rubbing (after three hours and a half),[14].—Violent, painful tearing in the left shoulder from 6 to 8.30 P.M.,[14].—Violent but transient tearing in the right shoulder (after one hour and a quarter),[14].—***Arm.*** The head of the right humerus is painful, as if it were swollen and had not room enough in the capsule of the joint,[37].—Tension on the inner surface of the upper arm, by the elbow, as if the skin were raised by a needle; at 2.30 P.M.,[14].—Pinching pain on the anterior surface of the right upper arm,[37].—[790.] Pressive pain in the tendon of the deltoid muscle,[37].—A stitch in

the right upper arm, followed by bruised pain, extending into the shoulder (after half an hour),[14].—Three burning stitches in the right upper arm by the elbow (after half an hour),[14].—Tearing on the inner surface of the upper arm (after half an hour),[14].—Tearing in the middle of both upper arms, as if in the bone, not disappearing on rubbing (after half an hour),[14].—Sudden violent tearing in the muscles of the right upper arm (after one hour and a half),[14].—Gnawing in the right upper arm, relieved while pressing upon it, afterwards sensitive to pressure (after one hour),[14].—***Elbow.*** Pain in the left elbow,[13].—Sticking in the left elbow (after one hour and a half),[14].—Stitch in the lower surface of the right elbow (after two hours),[14].—[800.] Tearing through the bend of the right elbow into its tip (after one hour and a half),[14].—***Forearm.*** Heaviness in the forearm, and pain on the inner condyle of the elbow, when touched (after half an hour),[14].—Tensive pain in the tendons of the right forearm,[37].—Cramplike pain in the left forearm, aggravated by lying upon it,[37].—Pressive tearing in the middle of the left forearm (after two hours),[14].—***Wrist.*** Stiffness of the right wrist, as if it had been sprained,[37].—Pain, as from a sprain, in the right wrist,[37].—Stitch on the outer condyle of the left wrist (after three-quarters of an hour),[14].—Fine stitch in the right wrist, disappearing after rubbing, but then returning, afterwards going away of itself; followed by a similar stitch in the upper arm (after a quarter of an hour),[14].—Tearing on the inner surface of the left wrist at 2 P.M.,[14].—[810.] Jerking-tearing in a small spot on the right wrist (after two hours and three-quarters),[14].—***Hand.*** Veins on the hands distended (after two hours),[14].—The veins on the backs of the hands are distended (after two hours and three-quarters),[14].—Trembling of the hand (one hour after 25 drops),[2].—The hands burn internally, at 2 P.M. (second day),[14].—Jerking-burning on the back of the left hand at 4 P.M.,[14].—Feeling as if the right hand were swollen; a tension on stretching it out, and clenching it (after one hour),[14].—Cramplike pains, mingled with stitches, in the ligaments of the left metacarpal bones, during rest,[37].—Tearing on the back of the left hand at 2 P.M. (second day),[14].—Tearing on the back of the right hand, extending towards the fingers, disappearing on rubbing (after one hour and a half),[14].—[820.] Tearing on the outer margin of the left hand towards the little finger, relieved by rubbing (after two hours),[14].—***Fingers.*** Paralytic-like pain in the second joint of the left middle finger, which extends upwards and downwards, but is very transient,[37].—Burning about the nail and ball of the left thumb (after half an hour),[14].—Painful drawing in the fingers of the left hand,[37].—Acute periodic drawings in the fingers of the left hand (first day),[38].—A very painful twinging in the second joint of the left middle finger, as if the joint would be forced asunder; in the evening in bed (after fifteen hours),[37].—Paralytic, pressive pain in the thumb and metacarpal bones of the right hand (after four hours),[37].—Pain, as from a dislocation, in the first joint of the right thumb,[37].—Sticking in the posterior portion of the back of the right thumb, after dinner,[14].—Pressive-sticking pain in the last joint of the right thumb, in the morning in bed,[37].—[830.] Fine stitch in the ball of the left little finger (after two hours),[14].—A fine needlelike stitch on the outer surface of the left index finger, about 1 P.M.,[14].—Tearing in the left middle finger, disappearing on rubbing (after two hours and a half),[14].—Tearing and sticking in the left thumb, just behind the nail, at 2 P.M.,[14].—Tearing in the right little finger (after two hours),[14].—Violent tearing in the right thumb; and a feeling as if the tendons would become contracted; disappearing on rubbing (after two hours),[14].—Fine tearing extending up

the left ring finger (after one hour and a half),[14].—Some fine tearing in the right thumb, and, after it ceases, tearing extending from the wrist to the middle of the forearm; followed by bruised pain in the upper arm (after one hour),[14].—Tearing pains in the upper articular extremity of the left middle finger; the pains were aggravated by external touch,[37].

Inferior Extremities.—Hip. Pain, as from a dislocation, in the left hip-joint on motion,[37].—[**840.**] A stitch in the right hip, extending backwards (after one hour and a quarter),[14].—Stitch deep in the right hip, while standing, disappearing on moving about; frequently,[14].—Two stitches in succession in the right hip, extending from behind forward (after one hour, and one hour and a quarter),[14].—***Thigh.*** Pain, as from stiffness, in the tendons of the inner right femoral muscles,[37].—A paralytic-like pain in the left thigh, which extends down below the knee,[37].—Burning in the left thigh, near the pubis, immediately disappearing (after one hour and a half),[14].—A pressive pain on the posterior surface of the middle of the left thigh, which, on grasping it, pains as if beaten,[37].—Stitching in the left natis during dinner,[14].—Frequent stitches on the posterior surface of the right thigh at 4 P.M.,[14].—Dull stitches on the inner surface of the left thigh, aggravated by pressing upon it, lasting half an hour (after three-quarters of an hour),[14].—[**850.**] Violent, dull stitch in the posterior portion of the right thigh (after one hour),[14].—A coarse stitch in the nates (after two hours),[14].—Fine stitch in the right natis, rather by the anus, at 2.30 P.M.,[14].—A bruised feeling in the middle of the left thigh,[37].—Both thighs are painful in the middle, as if bruised, or as if he had walked several miles; on motion,[37].—The thighs are painful in the middle, as if beaten,[37].—Pain, as from a blow, in the gluteal muscles, noticed only when sitting or grasping them,[37].—Jerking on the outer surface of the right thigh; burning after scratching (second evening),[14].†—A jerking pain in the left thigh just above the knee,[37].—***Knee.*** Trembling in the knees when moving about in the open air, disappearing when sitting (after half an hour),[14].—[**860.**] Unsteadiness in the knee-joints on descending steps, as if they would give way,[37].—Pain, as from weariness, about the knees after rising from a seat (after one hour),[14].—Tension in the knee bones after rising from a seat, disappearing in the open air (after one hour),[14].—Pinching pain beneath the left knee, towards the outer part,[37].—Sticking in the knee on stretching out the left leg (after two hours),[14].—Fine sticking on the inner surface of the right knee (after three-quarters of an hour),[14].—Stitches in the left knee,[14].—Tearing in the right knee, disappearing on rubbing (after two hours and three-quarters),[14].—Tearing beneath the left knee, on the outer surface (after two hours),[14].—Tearing in the left knee; immediately afterwards jerking-tearing in the right shoulder (after one hour and a half),[14].—[**870.**] Jerking in the bend of the right knee (after one hour),[14].—***Leg.*** The right lower leg falls asleep on moving about (after one hour and a quarter),[14].—Heaviness in the lower leg, particularly the right, especially while spinning; not changed by walking, only the vertigo was aggravated (after three-quarters of an hour),[14].—She thinks the right lower leg is hot while spinning (after one hour and a half),[14].—Paralytic, pressive pain in the left leg, worse on motion,[37].—Tearing and tension in the left lower leg, with a feeling as if some one pulled the skin there (after one hour),[14].—Tearing about the right tibia, on the inner surface, towards the calf (after three-quarters of an hour),[14].—Fine tearing extending down the right tibia,

† A misprint for itching may possibly have occurred in the original.—T. F. A.

as if in the bone (after one hour),[14].—Gnawing on the upper part of the right tibia; the pain extended thence into the inner surface of the knee (after one hour and a quarter),[14].—Visible, but painless jerking of the right calf, that disappears on stretching out the foot, in the morning in bed,[37].—[880.] Tensive pain in the left calf (after twenty-four hours),[37].—Tensive-pressive pain on the outer side of the left calf,[37].—Violent tearing extending from the left calf to the inner malleolus, disappearing on moving about (after one hour and a half),[14].—Beating pains in the right tendo Achillis; they frequently disappear and soon reappear; about 4 A.M. in bed,[37].—***Ankle.*** Weary and lame in the ankles on motion,[37].—Pain, as from a sprain, in both ankles during rest and motion,[37].—Paralytic, pressive pain about the inner malleolus of the left foot (after four hours),[37].—Tearing and burning beneath the right inner malleolus, in a small spot, relieved by rubbing, disappearing on moving about (after two hours),[14].—Painful jerking on the right outer malleolus, followed by bruised pain on the back of the foot (after two hours and a half),[14].—***Foot.*** The feet are weary and as if beaten (after a quarter of an hour),[14].—[890.] Great weariness in the feet while standing after walking (after three-quarters of an hour),[14].—Weakness in the feet, disappearing on walking (after three-quarters of an hour),[14].—Feeling of stiffness in the feet, after rising from a seat, relieved by walking about, at 2.30 P.M.,[14].—Pain, as from a sprain, in the left os calcis while walking,[37].—Jerking on the outer border of the right foot, followed by a sensation as if a worm were moving about on the external malleolus; at 2.30 P.M.,[14].—The sole of the right foot falls asleep on riding the leg over the other (after twenty minutes),[14].—The sole of the left foot falls asleep (after one hour),[14].—The sole of the right foot frequently falls asleep while sitting (after one hour and a half),[14].—Contractive pain in the right plantar muscles,[37].—Pain, as from an ulcer, on the soles of both heels on rising from bed, disappearing on walking about,[14].—***Toes.*** [900.] Burning in the ball of the right great toe, disappearing on rubbing (after three hours),[14].—Sticking pain beneath the left great toe,[37].—Tearing in the right second toe, relieved by rubbing (after two hours),[14].

General Symptoms.—Objective. Apoplexy,[23].—Tremulousness of the whole body,[37].—Convulsions followed by death,[35].—Convulsions; staring eyes, closed jaws, frothing from the mouth, followed by death,[32].—She fell down; after half an hour was seized with convulsions and frothing from the mouth, followed in a short time by death,[34].†—Violent convulsions; with staring eyes, tightly closed jaws, frothing from the mouth; followed by death (in a young man),[33].—Paralysis and death,[36].‡—[910.] She fell into an asphyxiated, paralytic condition of the whole body, in which she remained for eighteen hours, apparently lifeless, with scarcely perceptible pulse of the heart, barely 30 beats to the minute,[16].—General indolence and inclination to sleep (after 25 drops),[5].—Weariness; aversion to all work (after 20 drops),[5].—Weary and sleepy, after eating,[37].—Great weariness towards evening (after 14 drops),[12].—Great weariness and inclination to sleep very early in the evening (after 16 drops),[12].—He became weaker every day,[37].—Great weakness (after 20 drops),[11].—Weak, prostrated (after one hour and a half),[14].—Generally very much exhausted (after 10 drops),[5].—[920.] Very much exhausted, and quite passive all

† In a girl of eighteen, who had taken two spoonfuls of Aqua Laurocerasi destillata.

‡ Two men from taking an alcoholic infusion of the fruit.

day (after 15 drops),[5].—Faintness; he fell suddenly to the ground (in a man recovering from intermittent fever, who had just taken an infusion of three or four leaves of Laurocerasus, and tea with milk),[30].—He immediately fell stupidly to the ground (in a man who had taken a glass of liquor infused with Laurocerasus),[31].—***Subjective.*** Sensibility seems completely destroyed,[16].—While sitting, a healthy feeling as after fatigue (after one hour),[14].—Feels very much relaxed in the morning,[13].—Felt heavy and disinclined to work (second morning),[5].—He feels sick, as if faint, in the morning,[37].—Slight attack of illness,[37].—Pinching-burning pains, now in one, now in another part of the body, especially in the upper and lower extremities,[37].—[**930.**] Itching stitches in various part of the body,[37].—Feeling as of electric shocks, at 9 P.M., in bed,[14].—She seemed better in the open air, though the roughness in the throat was then worse (after one hour and a half),[14].

Skin.—Objective. The skin was very raw and rough between the index, middle, and ring fingers, and on closing the hand in water, violent burning, which on becoming dry disappears (after five days),[14].—***Eruptions. Dry.*** Itching pimple on the right upper arm, above the bend of the elbow, not relieved by scratching, disappearing after twenty-four hours (after one hour),[14].—Itching pimple on right upper arm, by the bend of the elbow, above the former eruption (after two hours),[14].†—A small pimple between the chin and lower lip, painful only on touch (after one hour),[14].—Itching of the pimples between the chin and lips, disappearing on scratching, at 2 P.M.,[14].—Burning of the pimples between the lips and chin, at 3 P.M.,[14].—The pimples on the lips itch violently, disappearing after scratching (after 4 hours),[14].—[**940.**] Itching on the left lower jaw; after scratching some itching pimples appear, with burning after scratching a long time (seventh and eighth days),[14].—***Eruptions, Moist.*** Itching near the lower lip on the left side, as if an eruption were there; and there really were some vesicles in the skin, not relieved by scratching,[14].—Small vesicles on the margin of the upper lip, without sensation (after one hour),[14].—Redness, with small, barely perceptible vesicles, between the index, middle, and ring fingers of both hands, itching violently, burning after scratching; in the evening, only disappearing on the fourth day,[14].—A clear vesicle on the left corner of the mouth (after four days),[14].—***Eruptions, Pustular.*** Small boil in the right corner of the mouth, smarting when touched (second day),[14].—A small red boil in front of the right ear, with pain as if suppurating when touched (in the evening),[14].—***Subjective.*** Fleabite on the outer surface of the left upper arm (after three hours),[14].—A stitch like a fleabite in the nape of the neck (after one hour); in right great toe, at 2.30 P.M.,[14].—Crawling between the left thumb and index finger, disappearing on rubbing (after two hours),[14].—[**950.**] Crawling in the sole of the left foot (after a quarter of an hour),[14].—A feeling as if fleas or flies were creeping on the forehead, obliging him to rub it, when it disappeared, though not for a long time; 7.30 P.M. (second day),[14].—Constant sensation as of the creeping of flies or as of cobwebs in the right side of the face, so that she is constantly obliged to wipe it (fifth, sixth, and seventh days),[14].—Tickling on the left wing of the nose (after five minutes),[14].—Tickling here and there in the face as from a hair; he is constantly obliged to wipe it (after one hour and a half),[14].—Feeling in the right cheek as if a hair were moving on it; he is constantly obliged to wipe it without removing it (after two hours),[14].—Tickling in the left lower

† See S. 934.

leg, not relieved by scratching (after one hour),[14].—Tickling posteriorly beneath the left heel, disappearing on rubbing, at 2 P.M.,[14].—Itching on the forehead, not relieved by rubbing, a long time (after ten minutes),[14].—Itching on the left side of the forehead (after half an hour),[14].—[960.] Itching on the right frontal eminence (after one hour),[14].—Itching on the right frontal eminence, and burning after scratching (after half an hour),[14].—Itching on the left frontal eminence, disappearing after scratching (after three-quarters of an hour),[14].—Itching in the left eyebrow (after two hours),[14].—Itching in the left upper eyebrow, relieved by scratching (after three quarters of an hour),[14].—Itching in the left lobule, not disappearing on scratching (after one hour and a half),[14].—Itching of the nose, especially of the tip (after five hours),[14].—Itching in the right side of the nose, so that she was obliged to scratch it till it bled, in the morning (fourth day),[14].—Itching in the left nostril, not relieved by rubbing (after two hours),[14].—Itching in the middle of the upper lip, disappearing after scratching (after half an hour),[14].—[970.] Itching between the chin and lips of the right side, not relieved by scratching (after two hours),[14].—Itching in the right groin, disappearing on scratching (after two hours),[14].—Itching between the shoulders, at 3 P.M.,[14].—Itching and crawling, as from fleas, between the shoulders (after half an hour),[14].—Itching behind the right shoulder, not relieved by scratching (after half an hour),[14].—Itching on the back, near the right scapula (after one hour),[14].—Itching on the coccyx, that disappears on rubbing,[37].—Itching on the right upper arm, after scratching pimples which burn (fourth day),[14].—Itching in the bend of the left elbow, burning after scratching (after half an hour),[14].—Itching on the external surface of the left elbow, disappearing after scratching (after half an hour),[14].—[980.] Itching on the right forearm, burning after scratching (after one hour and a half),[14].—Itching on the left forearm, after scratching pimples, which soon disappear (fifth day),[14].—Itching on the right natis after dinner,[14].—Itching on the right lower leg, relieved by scratching (after two hours),[14].—Itching on the left calf, which disappears on scratching, but soon returns,[37].—Itching on the inner margin of the right foot (after three hours and a half),[14].

Sleep and Dreams.—Sleepiness. Yawning and sleepiness,[14].—Yawning, without sleepiness,[14].—Frequent yawning (after a quarter of an hour, and two hours, also second afternoon),[14].—Frequent yawning, without sleepiness (after a quarter of an hour),[14].—[990.] Frequent yawning, with chilliness,[37].—Frequent yawning, with shivering (after three hours and a half),[14].—Frequent yawning and shivering, followed by gooseflesh, lasting two minutes (after half an hour),[14].—Very frequent yawning,[37].—Sleepiness,[14]; (after 20 drops),[5].—Sleepiness, immediately after dinner,[14].—Sleepiness very early, at 6 P.M.; he cannot keep sleep away,[14].—Sleepiness, yawning, and stretching (after one hour),[14].—Great sleepiness in the evening; in the morning it was difficult to rise (after 14 drops),[12].—Great sleepiness, with burning in the eyes, in the evening,[14].—[1000.] Inclination to sleep (after 20 drops),[10].—Inclination to sleep as early as 11 A.M., so that he was obliged to lie on the lounge and sleep; after sleeping a quarter of an hour, he found it almost impossible to rise and move about, on account of weakness (after 20 drops),[11].—Very sleepy, weak (after two hours and a half),[14].—So sleepy that he could not keep from falling asleep while in the house, and it was only out of doors that he was able to keep awake (after 20 drops),[5].—Sleep irresistible after dinner, after which he felt very well (after 10 drops),[5].—He was unable to keep from sleeping in the evening; was

awakened about 7 o'clock, for supper; he sat up and ate, but immediately fell asleep again without speaking; after awhile he started in sleep, then jumped high up, frightening those about him, stood up and walked to the middle of the room, with staring eyes and red face; at last he lay down without speaking and slept soundly till morning (first evening),[14].—Sleep from noon till 3 P.M. (quite contrary to habit), though he had slept well the night previous; and he also slept well on the succeeding night,[5].—Sleep sound and longer than usual,[14].—Very sound sleep at night continuing late in the morning; with some perspiration,[38].—***Sleeplessness.*** Very difficult falling asleep,[13].—[**1010.**] Constant tossing about in bed; she cannot sleep before 1 A.M.,[14].—Unable to sleep before 11 P.M.,[14].—He awoke about midnight and could not fall asleep; was constantly obliged to toss about as if the bed were too hard,[14].—Uneasy sleep, frequent waking,[13].—Sleep prevented by unusual excitement and flushes of heat,[17].—***Dreams.*** Sleep sound; full of lively and sad dreams,[14].—Very vivid though unremembered dreams,[14].—Confused dreams all night,[14].—A dream of which he was perfectly conscious in the night could not be recalled in the morning,[37].—Heavy, anxious dreams,[13].—[**1020.**] He dreamed that he was standing upon a very high and not very secure ledge, or upon a high scaffolding, without being anxious,[37].—Frightful dreams of fires, which wake her,[14].—Frightful dreams of dead men, or fires,[14].

Fever.—Chilliness. The temperature of the body was far below the normal,[16].—Rather cool than warm (after one hour and a half),[14].—Chilliness (after taking the drug),[14].—Chilliness in the house, at 9 P.M. (second day),[14].—Chilliness in the afternoon; shivering through the skin several times,[37].—Chilliness after rising, about midnight, so that she was unable to get warm in bed for a long time,[14].—Chilliness for two hours, with a flat taste in the mouth,[37].—[**1030.**] Chilliness all over, the whole forenoon, with a feverish taste in the mouth,[37].—Chilliness all over, with pains in the back,[37].—Coldness internally and externally, with warmth of the feet, from 2 to 4 P.M. (second day),[14].—Coldness in the open air, disappearing in the room (after two hours),[14].—Coldness and shaking chill, in the house, not relieved by the warmth of the stove; lasting several minutes, without subsequent heat or thirst, in the evening, after walking in the open air,[14].—Internal coldness,[39].—An internal coldness extending over the whole body,[22].—Great coldness, from 6.30 to 8.30 P.M., without subsequent heat or thirst,[14].—Feeling of coldness in the open air, at 2 P.M,[14].—Feeling of coldness in a warm room; the nose is icy cold, at 3 P.M.,[14].—[**1040.**] Slight feeling of coldness over the whole body, in the house (after one hour and a half),[14].—Almost always chilly (after half an hour),[14].—Chill, immediately on going out of the house, in the afternoon,[14].—Shaking chill in the house (after two hours and a half),[14].—Shaking chill once, during the coldness,[14].—Violent shaking chill, not relieved by the warmth of the stove; relieved only by the application of warm cloths to the abdomen; it lasts for two hours after going to bed, when she fell asleep, at 6 P.M. (sixth evening),[14].—Shivering, with gooseflesh (after five minutes); on going out of doors (after two hours and a half),[14].—Agreeable coolness in the head, after the perspiration (after a quarter of an hour),[14].—Coldness of the feet, and much thirst, at 7 P.M.,[14].—Coldness on the sole of the left foot, soon disappearing (after two hours),[14].—[**1050.**] Feeling of coldness in the soles of both feet, in the open air, disappearing in the room (after one hour),[14].—Violent shivering in the face and hands, in the open air, going off in the house (after a quarter of an hour),[14].—***Heat.*** Warmth over the whole

body, with a feeling as if it spread from the shoulders (after one hour and a quarter, and one hour and a half),[14].—Increased warmth of the skin before midnight, which she herself does not feel,[14].—Increased warmth over the whole body; the palms of the hands are hot and dry, without thirst,[37].—Increased warmth all over in the afternoon; the palms of the hands are burning hot, with some thirst,[37].—Heat, with thirst, disappearing in bed (first evening),[14]. —Heat, with thirst, without previous coldness, even in bed, disappearing after falling asleep (second evening, at eight o'clock),[14].—Heat and perspiration all over, from 2.30 to 3 P.M.,[14].—Flushes of heat, with thirst, at 2 P.M.,[14].—[**1060.**] Flushes of heat; anxiety rising from the abdomen into the head, with redness of the face and warmth of the forehead (after one hour and a quarter),[14].—Warmth of the upper part of the body, with cold feet (after three hours),[14].—Warmth about the forehead, at 1 P.M.; afterwards all over, disappearing in the open air,[14].—Warmth and perspiration on the forehead and hands, frequently (after a quarter of an hour),[14].—Warmth in the whole abdomen; perspiration stands in large drops on the nose after dinner,[14].—Warmth extending from the abdomen into the shoulders, with perspiration on the back and in the axillæ (after quarter of an hour),[14].—Transient warmth and perspiration on the head and hands, at 4.30 P.M.,[14].—Great warmth under both axillæ (after half an hour),[14].—A sudden sensation of warmth on the outer margin of the left hand, as if it had been held by a warm stove,[37].—Sensation as if a pleasant warmth were creeping up the back (after one hour),[14].—[**1070.**] Heat in the head, without sweat (after half an hour),[14].—Heat in the head, with perspiration on the forehead, while the feet were cold; relieved in the open air; frequently,[14]. —Heat in the head, with indolence and ill-humor (after three-quarters of an hour),[14].—Heat and perspiration on the forehead (after one hour),[14].—Heat, with perspiration on the forehead and warmth in the hands (after a quarter of an hour),[14].—Heat of the face, with redness; also warmth in the body (after two hours and a half),[14].—Heat and burning in the face, with redness and warmth of the forehead; dull headache; the heat extended down the back (after one hour),[14].—Heat, with perspiration on the face, at 6.30 P.M.,[14].—Heat in the whole abdomen, in the evening, lasting till 1 o'clock, with loss of sleep, without thirst; she was obliged to keep her hands out of bed, where even she could not bear to have them a long time (third night),[14].—Transient heat in the face, without thirst, during the coldness,[14].—[**1080.**] Transient, but frequently renewed heat and sweat of the head and hands, always followed by coolness (after three-quarters of an hour),[14].—Sudden flushes of heat in the head, without perspiration, at 2 P.M.,[14].—Orgasm and stupefaction in the head (after three-quarters of an hour),[14].—Orgasm of blood extending up the abdomen and back, with heat and anxiety (in the head), after breakfast,[14].—***Sweat.*** Perspiration over the whole body, from 10 P.M. till morning, with weakness,[14].—Perspiration and heat of the face, during dinner (second day, also about 1 P.M.),[14].

Conditions.—Aggravation.—(*Morning*), In bed, pressive headache; lachrymation; after beer, burning in stomach, etc.; in bed, pain in thumb-joint; in bed, jerking in calf; sick feeling.—(*Afternoon*), While walking, cutting in abdomen; chilliness.—(*Evening*), In bed, tearing headache; by the light, dryness, etc., of eyes; burning, etc., in eyes; in bed, pain in left chest; pain in shoulder-joint; after walking in open air, coldness, etc.; heat in abdomen.—(*Night*), From 10 o'clock till morning, perspiration.—(*Open air*), Vertigo; pain in throat.—(*Walking in open air*), Heavi-

ness in head; sticking in forehead; stitch in jaw; pressure upon chest.—(*After dinner*), Warmth in abdomen.—(*After eating*), Weary, etc.—(*In hot room*), Headache, etc.—(*Laughing*), Stitches in breast.—(*Motion*), Pain in leg.—(*Rest*), Boring, etc., between shoulders; pains in metacarpal ligaments.—(*In room*), Head heavy, etc.; pressure in temple.—(*Sitting*), Pressure in chest.—(*Spinning*), Heaviness in leg.—(*Stooping*), Pain in forehead.—(*Walking*), Vertigo.—(*Writing*), Pain in small of back.

Amelioration.—(*Open air*), Anxiety in head, etc.; tension in kneebones; symptoms in general,[14].—(*Cold water*), Tearing in back teeth.—(*After dinner*), The symptoms,[14].—(*After eating*), Gnawing, etc., in lower teeth; drawing downward in throat.—(*Rest*), Pressure in forehead.—(*Stooping*), Stitches in vertex.—(*Walking*), Weakness of feet; stiffness in feet.

LEDUM.

Ledum palustre, Linn.

Natural order, Ericaceæ.

Common names, (Ger.), Sumpf-Porst, or Porst.

Preparation, Tincture of the dried herb.

Authorities. **1**, Hahnemann, Mat. Med., 4, 176; **2**, Franz, ibid.; **3**, Becher, ibid.; **4**, Hermann, ibid., **5**, Langhammer, ibid.; **6**, Teuthorn, ibid.; **7**, Walther, ibid.; **8**, Linnæus, Flora Lapponica, p. 121, ibid.; **9**, Pallas, Flora Rossica, 1, part 2, p. 94, ibid.; **10**, Lembke, provings with tinct., repeated doses of 5 to 80 drops, A. H. Z., 39, p. 323 (1848); **11**, same, provings with tinct., doses 10 to 30 drops, symptoms observed three weeks after last dose, and probably would have continued longer, but for taking camphor (not affected by coffee, wine, or beer), N. Z. f. H. Kl., 1865; **12**, Dr. A. Lippe, new symptoms occurring after L. 2[c] (Jen.), in a patient with rheumatic pains in the feet, etc., Am. J. Hom. Mat. Med., 4, 96; **13**, Dr. L. Salzer, effects of wash of 10 drops of tincture in 4 ounces of water, used for prickly heat, Calcutta J. of Med., 2, p. 292 (Raue's Rec., 1875, 295); **14**, Berridge, effects of 1300 (Jen.), taken for injury to palmar tendons, A. J. of Hom. Mat. Med., 9, p. 261, 1876.

Mind.—Emotional. Unmanageable drunkenness,[8].—Joyous mood, with desire for activity and contentment with himself,[5].†—Quiet and still mood the whole day; therewith he is lively and joyous,[5].‡—Anxiety,[1].—Fearfulness,[1].—Irritable; he is easily aroused,[3].—He is inclined to anger and peevishness,[1].—Fretful; he is discontented with everything,[3].—Fretful, morose mood,[1].—[**10.**] Fretful; he went by himself, and almost weeping, wished to die,[5].—Morose mood, with much uneasiness and irresolution; he is unable to reflect constantly upon anything, or work with a quiet mind,[5].—**Discontented all day with his companions, which at last amounts to misanthropy,*[5].—***Intellectual.*** Great earnestness all day; everything which happened to him was viewed thoughtfully and seriously,[5].—Loss of understanding,[9].§

Head.—Confusion and Vertigo. Confusion of the head,[10].—Head confused and dizzy (after one hour),[10].—Confusion in the forehead,[10].—Confusion of the forehead, with some staggering when walking, and espe-

† Curative action.—Hahnemann.
‡ Curative action; reaction.—Hahnemann.
§ After prolonged intoxication.—Hughes.

cially when rising from stooping,[10].—The forehead is confused and heavy,[10]. —[20.] *Vertigo; the head sinks back,*[4].—Vertigo, while walking,[11].—Vertigo while walking in the street, as if the body swayed to one side, which really might have happened, and on account of which I remained standing, until the sensation passed away; but, on continuing to walk, it returned; and so several times, for some ten minutes,[11].—Vertigo, while walking and standing; he can scarcely keep erect (after nine hours),[5].—Excessive vertigo, all day, even while sitting still, aggravated by stooping, and on walking it increases even to falling forward, as in drunkenness; with a feeling of heat in the whole body, especially the face, without thirst, and with paleness of the cheeks and forehead (after five hours),[5].—Dizziness in the forehead,[10].—Reeling after rising from stooping,[10].—Drunkenness, dizziness, and confusion of the head,[1].—He feels as if drunk while walking in the open air,[3].—***General Head.*** Heat of the head, especially of the forehead, with heaviness,[10].—[30.] Headache causing dulness,[1].—Violent headache,[8 9].†—Raging headache,[1].—He feels a dull headache in the morning, during sleep,[3].—Drawing pains in all the cranial bones,[10].—Dull, pressive, wandering pains in the head,[11].—Pressive headache over the whole brain like a weight; lasting day and night for three days, with slight interruptions,[2].—Headache, at first over the whole brain like a heavy weight; on the second day it becomes a dull pressure in a small spot in the right temple,[2].—Head affected; if he takes a false step the brain is painfully shattered,[1].—Headache, as from a blow or shock,[1].—***Forehead.*** [40.] Heaviness in the forehead,[10].—Heaviness in the forehead, as if dizzy,[10].—Heaviness and dull pressure in the forehead,[10].—Heat and heaviness in the forehead, with pressure in the right temple,[10].—Increased feeling of warmth and pressure in the forehead,[10].—Boring in the left frontal bone and left temple,[10].—Boring pain in the left side of the forehead,[11].—Violent boring pain in the left side of the forehead, and in the upper jaw to the left of the nose,[11].—Dull boring pain extending through the frontal bone,[10].—Drawing in the frontal bone,[10].—[50.] Drawing in the left frontal bone,[10].—Drawing, pressure, boring in the frontal bones,[10].—Drawing pain in the left side of the forehead,[11].—Pressure in the forehead,[4 10].—Pressure in the frontal bone frequently,[10].—Pressure in the frontal bone above the right eye,[10].—Pressive, stupefying pain externally in the forehead, in all positions, as after a night's debauch (after six hours),[5].—Pressive headache in the upper part of the forehead, with confusion of the head, especially on covering it,[3].—Sticking pain in the brain, beneath the right frontal eminence,[4].—Tearing in the frontal bones; in the parietal bones backward above the ears,[10].—[60.] Tearing pain in the frontal bone,[10].—Tearing pain in the frontal and parietal bones,[10].—Tearing pain in the left side of the frontal bone,[10].—***Temples.*** Boring in the left temple,[10].—Violent boring in the left temple and left side of the frontal bone, while reading, lasting several minutes,[11].—Pressure in both temples,[10].—Pressure in the temples, worse in the left,[10].—Pressure in the right temple,[10 11].—Pressure and heaviness in the temples and forehead,[10].—Pressure inward in the left temple,[10].—[70.] Dull pressure in the right temple,[11].—Dull pressure below the left temple,[11].—Pressive pain when touching the temples,[1].—***Vertex.*** Violent boring pain in the coronal suture, several times,[10].—Pressure in the left side of the vertex,[4].—***Parietals.*** Boring in the right parietal bone,[10].—Violent boring in the upper part of the left side of the head; after two hours the same pain, but less severe, farther for-

† With the intoxication.—HUGHES.

ward in the forehead,[11].—Boring pain in the left parietal eminence,[10].—Drawing that comes and goes in the bones of the right side of the head (after two hours),[10].—Pressure in the right side of the head behind the ear, and in the left side of the forehead,[11].—[80.] Dull pressure in the left side of the head, with heaviness of the head,[11].—Tearing in the left parietal bone,[10].—Tearing in the cranial bones above the right ear,[11].—***Occiput.*** Tearing in the left side of the occiput,[11].—***External Head.*** Drawing beneath the scalp, extending from the vertex and sides of the head towards the forehead,[10].—Crawling-itching, as from lice, on the forehead and scalp,[2].

Eye.—Inflammation of the eyes, with tensive pain,[1].—Pain in the eyes, without inflammation; a pressure behind the eyeball as if it would be forced out,[2].—Burning pressure in the eyes, especially in the evening; they are agglutinated in the morning, with lachrymation during the day, even in the room (after four hours),[1].—Boring pressure from the forehead to the eyes, and in the eyeballs, as if coming from above,[10].—[90.] Stitches in the right inner canthus,[10].—Fine stitches in the left eye, towards the inner canthus,[10].—Great itching in the inner canthi,[1].—***Brow and Orbit.*** Boring pain above the beginning of the left eyebrow,[11].—Dull pressive boring at the lower orbital margin of the right side,[10].—Pressure on the outer margin of the right orbit, worse on moving about,[4].—Tearing in the bone above the left eye,[10].—***Lids.*** The lids are agglutinated, without pain,[1].—The lids are full of matter, but neither swollen nor inflamed,[1].—Fine stitches in the margins of the right lids, towards the inner canthus,[10].—***Lachrymal Apparatus.*** [100.] Lachrymation (without inflammation of the white of the eye); the tears are acrid and biting, and make the lower lid and cheek sore,[1].—***Pupil.*** Pupils dilated (after three and a quarter, five and a quarter, and nine and a half hours),[5].—*Decided dilatation of the pupils* (soon),[2].—Extreme dilatation of the pupils,[1].—Pupils contracted (after one hour),[5].—***Vision.*** Visual power weakened; does not see sharply,[3].—Flickering before the eyes, he can see nothing definitely,[1].—If one looks at anything steadily, there is a glimmering or flickering before the eyes, as after violent running, and as though one could not fix the eyes upon it (as in vertigo),[1].—Small black points float before the eyes,[11].

Ear.—Pressure in the bone behind the left ear,[10].—[110.] Dulness of hearing in the right ear,[1].—Deafness of the right ear; it feels as if stopped with cotton, and as though he heard from a distance,[4].—Transient deafness, as if something were placed before the drums of both ears (after thirteen hours),[5].—*Noise in the ear as from the ringing of a bell, or from a storm of wind*,[1].—*Roaring in the ears, as from wind*,[2].—Violent, interrupted roaring in the ears, nearly all day,[2].

Nose.—Objective. Sneezing on account of tickling in the left nostril,[10].—Frequent sneezing, with increased nasal mucus,[10].—Slight nosebleed; bloody mucus in the nose,[1].—***Subjective.*** Pain at the union of the nasal cartilage with the bone of the left side, worse when touched, with accumulation of much thick mucus in the left nostril, so that it is difficult to get air through the nostril; as if from a swelling of the mucous membrane,[10].—[120.] A burning pain as from a glowing coal internally in the nose, with soreness on pressing upon the nose or blowing it (after twenty-four hours),[1].—Cutting burning pain in the skin above the root of the nose, confined to a small spot, suddenly disappearing,[10].—Boring pain in the left nasal bones,[10].

Face.—Paleness of the face, yet without chilliness,[1].—Drawing in the left half of the face, across the left temple as far as the forehead,[10].—Draw-

ing pain, beginning in the middle of the face, extending across the forehead and occiput into the nape of the neck, where it disappeared,[11].—After some coarse stitches in the teeth, an intolerable tearing pain externally on the right side of the face, head and neck, lasting all night, which disappears after more stitches in the teeth, but returns from time to time; the attack ends with shivering, deep sleep, and loss of hunger and thirst (after ninety-six hours),[1].—***Cheeks.*** Pains in the upper jaw on both sides of the nose,[11]. —Boring on the upper margin of the left zygoma,[10].—Boring pain in the zygoma,[10].—[130.] Boring pain in the left zygoma; in the frontal bone; in the upper part of the right frontal eminence,[10].—Boring pains in the zygoma and lower jaw of the left side, in the evening,[10].—Pressure in the right zygoma,[10].—***Chin.*** Boring in the right lower jaw,[10].—Boring in the left side of the lower jaw,[10].—Violent boring in the right articulation of the jaw,[10].—Violent boring in the inferior maxillary bone of the right side,[10].—Boring pain in the left angle of the lower jaw, while sitting,[10].—Boring pain in the lower jaw of the right side; in the zygoma; also in the evening,[10].—Drawing in the left side of the lower jaw,[10].—[140.] Hard pressure on the left lower jaw, from without inward (after one hour),[4].

Mouth.—Teeth. Fine drawing pain, with a feeling of coldness in the lower incisors,[10].—(Pressive toothache in the left lower and upper incisors),[3]. —***Tongue.*** Fine sticking on the forepart of the tongue (after three-quarters of an hour),[4].—Stitches in the tongue together with burning,[11].—Stitches and burning in the tip of the tongue,[11].—Sharp stitches through the tongue,[11].—Fine stitches in the tip of the tongue,[10].—Fine stitches beneath the tip of the tongue,[10].—***General Mouth.*** Quite extraordinary dryness of the mouth, on waking from a sleep of two or three hours,[13].—[150.] Feeling of dryness of the palate, with thirst for water, without heat,[2]. —***Saliva.*** Much accumulation of saliva,[10].—Much accumulation of saliva, causing nausea,[10].—*Sudden running of water like saliva from the mouth, with colic; waterbrash,*[1].—***Taste.*** Bitter taste in the mouth,[3].

Throat.—A clogging sensation in throat, on waking from a sleep of two or three hours,[13].—Sensation as of a plug in the throat; on swallowing there is a sticking,[1].—Feeling of a plug in the throat, obliging him to swallow, associated with a feeling of a foreign body in the throat; repeated on going to sleep in the evening,[10].—Feeling as if the throat was swollen, with an attack of nightmare (first night),[12].—Sticking in the throat, when not swallowing, only in the forenoon; on sneezing, there was only a pressure in the back part of the throat,[1].—[160.] *Sore throat, with fine sticking pain,*[1].—Scratching and scraping in the throat in the evening,[10].—Swelling of the glands in the forepart beneath the chin, with pressing pain when touched,[4].

Stomach.—Appetite. Loss of appetite,[1].—She is not hungry, and, if she eats, immediately feels as though she had eaten too much; it oppresses her and she becomes nauseated,[1].—Aversion to smoking, with the usual appetite,[2].—***Thirst.*** (Much thirst; he is even obliged to drink at night),[1].—Much thirst during the day; and at evening febrile chill, shortly before going to sleep,[2].—Great thirst for cold drinks, especially water (after four and a quarter, eight, and twenty-eight hours),[5].—Constant loss of thirst,[4].—***Eructation and Hiccough.***—[170.] Eructations, with loss of appetite, and a feeling of warmth in the stomach,[10]. —Many eructations,[10].—Eructations of air tasting of the drug,[10].—Frequent eructations of air,[10].—Many eructations of air, with dull pressure in the pit of the stomach,[10].—(Bitter eructations, after eating),[1].—Hiccough

frequently recurring (after two hours and a half),[5].—***Nausea.*** Nausea,[9]; early in morning,[1].—Nausea, on walking in the open air, with sweat over the whole body, especially on the forehead,[1].—Nausea and eructations (soon after a dose),[10].—[180.] Nausea with accumulation of much saliva, yawning, cold hands, frequent chilliness over the back,[10].—Nausea, weakness, and general perspiration, that afterwards became cool, with cold hands and feet and creeping chills over the back, lasting an hour and a half in the middle of the day,[10].—Sensation of nausea in the stomach,[10].—A long-continuing feeling of nausea,[10].—Constant feeling of nausea in the stomach,[10].—An incipient sensation of nausea was noticed several times during the day, never amounting to real nausea; the appetite also was good; the nausea seemed to recur especially some time after taking food, and only during rest,[10].—Qualmishness in the stomach, with much accumulation of saliva,[10].—Constant sensation of qualmishness in the stomach,[10].—Retching, with eructations, puffiness, and dragging in the pit of the stomach, in the morning after rising,[4].—***Stomach.*** An unpleasant sensation in the stomach, as if disordered; together with a bad taste in the mouth, as if musty,[1].—Dull pain in the pit of the stomach, aggravated by pressure,[10].—[190.] Constant dull pain in the epigastric region, aggravated by pressure,[10].—Drawing and pressure in the pit of the stomach, while eating,[3].—Pressure in the stomach, soon after a dose,[10].—Dull pressure in the stomach and behind the sternum,[10].—Dull pressure in the pit of the stomach, aggravated by drawing in the abdomen,[10].—Pressive pain in the pit of the stomach, aggravated by drawing the walls of the abdomen inward,[10].

Abdomen.—Hypochondria. Great tension in the hypochondriac region, on breathing or holding the breath,[1].—A slow stitch, like a sharp pressure, in the side above the hip,[1].—***Umbilical and Sides.*** Violent cutting pain in the umbilical region, with retraction of the walls of the abdomen,[10].—(A feeling in the left side of the abdomen, as if, from overloading the stomach with food, a pressive swelling had appeared at this place),[1].—***General Abdomen.*** [200.] Abdomen distended by air, with tasteless eructations,[10].—Distension of the upper abdomen, with dull pain lasting over an hour,[10].—Rumbling in the abdomen,[10].—Rumbling of air in the abdomen,[10].—Much rumbling of air in the abdomen,[10].—Much moving about of air in the abdomen,[10].—Much noise of gas in the abdomen and emission of flatus,[10].—Discharge of flatulence (first day),[2].—Frequent discharge of flatulence (after one hour),[5].—Pain in the abdomen, as in diarrhœa,[1].—[210.] Pain in the abdomen, as if the intestines were crushed and weakened; a feeling like that remaining after the action of a violent purge (after six hours),[1].—Colic; digging below the navel; with running of water from the mouth like waterbrash (after two hours),[2].—Drawing pain in the abdomen,[1].—Pressive pain deep in the abdomen, aggravated by external pressure,[10].—Cutting colic, every evening,[1].—Colic (cutting?), with flow of blood from the anus,[1].—Wandering cutting pains in the abdomen, aggravated by drawing the walls of the abdomen inward,[10].—Dull sticking in the abdominal muscles, and pressure between the pelvis and lowest left ribs,[4].—Colic as if diarrhœa would occur, extending from the navel to the anus; together with loss of appetite, natural taste, and cold feet,[1].—***Hypogastrium and Iliac Regions.*** Boring pain in the crest of the left ilium, more towards the forepart,[10].—[220.] (A clawing low down in the abdomen, as if in the bladder, immediately),[1].—Pressure on the upper margin of the left pelvis, and in the muscles as far up as the last false ribs; worse when walking,[1].—Pressure deep in the pelvis towards the bladder,

with great urging to urinate,[10].—Dull pressive pain on the posterior portion of the crest of the left ilium while walking, lasting half an hour,[10].—Piercing stitch deep between the ribs and the crest of the ilium of the left side,[10].

Rectum.—Dull stitches in the rectum,[10].—Fine stitches in the rectum,[10].

Stool.—Diarrhœa. Fecal diarrhœa, with mucus (after twenty-four hours),[2].—Pasty stool, as in diarrhœa, without symptoms,[5].—The stool is mixed with blood,[1].—***Constipation.*** [230.] Constipation for several days,[1].—Stool very hard, scanty, and later than usual,[10].—Stool retained (primary action),[10].

Urinary Organs.—Urethra. (Burning in the urethra, after urinating),[1].—Stitches in the meatus urinarius,[10].—Fine stitches in the meatus urinarius,[10].—Repeated fine stitches in the meatus urinarius,[10].—Tickling stitches in the meatus urinarius,[10].—Voluptuous tickling at the meatus urinarius, frequently,[10].—***Micturition.*** Urging to urinate,[10].—[240.] Desire to urinate,[10].—Desire to urinate, almost without interruption all day,[10].—Desire to urinate all day, not at night; at times the quantity of urine seemed increased,[10].—Frequent desire to urinate all day,[10].—Frequent urging to urinate all day, though no increase of urine,[10].—Frequent desire to urinate, with scanty discharge (after two hours),[5].—Very frequent desire to urinate all day,[10].—Constant desire to urinate all day,[10].—Much desire to urinate all day,[10].—Violent urging to urinate,[10].—[250.] Frequent micturition,[10].—He is obliged to urinate frequently, and passes much each time, urinating several times at night (first twelve hours),[4].—Increased flow of urine,[1].—Very infrequent and scanty discharge of urine (first twelve hours),[6].—The urine is frequently retained, and will not pass; after passing it, there is a sticking,[1].—***Urine.*** Urine reddish (after twenty-four hours),[2].—(Urine yellow, with white chalky sediment),[1].—Urine straw-yellow, all day,[10].—Urine increased in quantity, light yellow,[10].—Urine diminished in quantity,[10].—[260.] Diminished secretion and discharge of urine (after twelve days),[4].—Urine scanty, with constipation,[10].

Sexual Organs.—Male. Swelling of the penis; the urethra seems swollen; he is obliged to press in order to urinate, and the stream is very thin, without pain (after three days),[1].—Excessive and constant erections,[4].—Tickling in the glans penis,[10].—(Itching on the glans penis),[1].—Nocturnal emissions,[4].—Emissions two nights in succession,[10].—Emissions at night, without dreams,[10].—Nocturnal emissions of bloody or watery semen (after twelve and thirty-six hours),[1].—***Female.*** [270.] Menstruation some days too early,[1].—Menstruation every fourteen days,[1].—Increased menstruation,[1].

Respiratory Organs.—Larynx and Trachea. Dull pressure on both sides of the larynx,[10].—Stitches and tickling in the larynx,[10].—Stitches in the larynx, which force tears into the eyes,[10].—Scraping and tickling in the larynx, with much dry short cough, after which the tickling continues,[11].—Crawling in the trachea, followed by rapid impeded respiration,[1].—***Cough and Expectoration.*** Cough, without expectoration (after forty hours),[2].—Cough, with purulent expectoration, only at night, or in the morning,[1].—[280.] Expectoration of blood, with slight cough,[1].—Profuse expectoration of blood, with violent cough,[1].—**Expectoration of bright-red blood on coughing*,[1].—When he expectorates he is always nauseated and qualmish,[2].—***Respiration.*** (Breath offensive),[1].—More or less heavy breathing, on waking from a sleep of two or three hours,[13].—A spasmodic,

double inspiration, with sobbing,[1].†—*Respiration painful, impeded*,[1].—She cannot get her breath all day,[1].—Dyspnœa, on ascending steps,[1].—[290.] Dyspnœa and difficult inspiration, while sitting,[10].—Dyspnœa, with difficult, rapid breathing, as from constriction of the chest; with constant soreness of the sternum (after one hour and a half),[2].—Suffocating (first night),[12].—On coughing, she holds her breath as if she would suffocate,[1].—Bronchial asthma,[1]

Chest.—On breathing, a pain in the chest, as if from something alive there,[1].—Pains in the pectoral muscles, aggravated by inspiration,[11].—Constriction in the chest, with cutting pain, as if the parts in the middle of the chest were constricted with a string, which takes away the breath; the whole attack lasts only a few seconds in the afternoon,[10].—*Asthmatic attack of constriction in the chest, aggravated by moving and walking*,[1].—Spasmodic cramplike pain beneath the short ribs and just above the hips, towards evening, so violent that he was obliged to cry out; it took away his breath and he was unable to rise from his chair alone, in the evening (after thirteen days),[1].—[300.] Drawing externally in the chest, while walking and on inspiration, together with some stitches,[3].—Pressure upon the chest while walking,[3].—Pressure in the upper part of the chest, impeding respiration,[10].—Pressure in various places in the wall of the thorax, on the sides of the sternum,[10].—Pressure in the right wall of the thorax in various places, frequently,[10].—Pressure in the left wall of the thorax in the afternoon,[10].—Pressure in the left clavicle,[11].—Constant pressure on the chest while sitting, with pressure behind the seventh and eighth left costal cartilages,[10].—Pressive sensation in the chest,[10].—Pressive sensation in the chest, causing difficult respiration,[10].—[310.] Sticking pains in various places in the right wall of the chest during the afternoon,[10].—Stitches in the chest, in the morning,[3].—Stitches in the right chest on inspiration in the morning,[10].—Stitches in the wall of the chest, especially in the left side, not impeding respiration; in the evening,[10].—Stitches, now and then, in the walls of the thorax, at the sides of the sternum, in the morning,[10].—Stitches in the left lung, not aggravated by inspiration,[10].—Stitches between the left lower ribs on inspiration,[11].—Stitches in the right pectoral muscles on deep inspiration,[11].—Violent stitches in the lower and anterior portion of the right chest, while walking, so that deep inspiration was impossible, lasting a few minutes,[11].—Dull stitches in the last right true ribs,[4].—[320.] Fine stitches in the left wall of the thorax, in the evening,[10].—Hoarse, raw, scraping feeling in the chest (in the trachea), (after forty-eight hours),[1].—Pain in the sternum,[1].—Violent pains between the fourth and sixth costal cartilages, at the right margin of the sternum, deep internally, on waking while lying, aggravated by inspiration and by hard pressure; without cough,[10].—Eating rapidly causes a constrictive pain in the sternum,[1].—Pain in the sternum, as if the bones were painful; paroxysmal, like a digging, rubbing, and scraping in it; without cough,[2].—Pressure on the sternum, in bed, worse on moving about,[4].—Dull pressure on the sternum,[10].—A pushing pressure at the left margin of the sternum, between the third and fifth ribs, extending directly into the chest,[10].—Dull pain as from a blow in and behind the sternum,[10].—[330.] Drawing in the sides of the chest, especially on inspiration; together with some stitches,[3].—Drawing and pressive pains in the muscles of both sides of the chest and in the lumbar vertebræ,[11].—Pressure

† As in children who have cried violently and been very angry.—HAHNEMANN.

in the pectoral muscles of the right side extending into the upper arm,[10].—Stitches in the walls of the thorax beneath the arms,[10].—Tearing stitches in the side of the chest, above the pit of the stomach, on every motion of the arm, while sitting,[3].—Pain externally in the right chest, as if some one pressed upon a sore spot, which was still more sore when touched,[1].—Hard pressure from within outward, a hand's breadth beneath the right nipple, worse on inspiration; in the morning in bed (after forty-four hours),[4].

Heart.—A dull pressive pain deep in the region of the heart (this symptom, similar to that in other muscles, may really have affected the heart),[11].—Palpitation of the heart,[1].

Neck and Back.—Neck. Stiffness in the left side of the nape of the neck,[10].—[340.] Stiffness in the cervical muscles of the right side,[10].—Painful stiffness of the cervical muscles of the left side, relieved by moving the neck,[10].—Drawing from the neck to the right shoulder,[10].—Pressure in the lower cervical vertebræ, aggravated by bending the head far forward,[11].—Pressure in the left cervical muscles frequently repeated, momentarily relieved by moving the head and neck,[11].—***Back.*** **Painful stiffness of the back and scapulæ*, on moving,[1].—Painful stiffness of the back and loins, after sitting,[1].—Dull stitches and pressure near the vertebræ, worse on inspiration,[4].—***Dorsal.*** Dull aching pain below left scapula, worse on moving left arm, walking, or deep inspiration; for five days,[14].—Pressure in the dorsal muscles, to the right of the dorsal vertebræ,[10].—[350.] Pressure in the lower angle of the left scapula,[10].—Pressure in the right scapula, afterwards at the side of the right elbow,[10].—Pressure in the muscles of the right scapula,[11].—Stitches in the muscles near the first dorsal vertebræ,[11].—Bruised pain beneath the left scapula,[1].—***Lumbar.*** *Pain in the loins, after sitting*,[1].—Drawing in the small of the back, and stiffness of the back (after twelve days),[1].—Drawing pain in the small of the back, while standing, disappearing on pressure,[1].—Pressure to the left of the lumbar vertebræ, deep internally,[10].—Dull pressure in the lumbar region,[10].—[360.] Dull pressure in the region of the lumbar vertebræ,[10].—Dull pressure in the sides of the lumbar vertebræ deep internally,[10].—Dull pressure to the left of the lumbar vertebræ,[10].—Sticking at intervals in the lumbar muscles,[10].—Stitches in the lumbar region,[10].—Pain in the small of the back, on rising from sitting,[2].—***Sacral.*** Boring pain in the sacrum,[10].—Stitches in the left tuber ischii,[10].

Extremities in General.—Objective. *Painful hard nodes, *and calcareous concretions on the joints*,[1].—**Trembling of the knees (and hands), while sitting and walking*,[2].—***Subjective.*** [370.] Desire to stretch the upper limbs (after thirty hours),[2].—*The limbs are numb and fall asleep*,[1].—A feeling of numbness and heaviness of the limbs, with pain in the bones (after twenty hours),[1].—Painful feeling of weakness above the left elbow, and in the left knee, several times,[10].—A painful feeling of stiffness in the wrist, elbow, and knee of the left side,[10].—Painful heaviness of the right arm, at times worse in the shoulder or in the elbow, relieved by moving the joint; afterwards the same sensation in the knee and leg; even in bed, after 11 o'clock, some of the symptoms in the limbs are felt,[11].—Pains in the knees, wrists, muscles on the inner sides of both upper arms; above the ankle,[11].—*Paralytic pain in all the joints, on moving the body at night in bed,[1].—Feeling of compression in the muscles of the left upper arm and in the ankles,[11].—A feeling of compression in the lower portion of both calves, on the sides of the tendo Achillis; in the left forearm; in the shoulder-joints; several times during the day,[10].—[380.] Compression in the lower

portion of the right forearm; afterwards in the lower legs,[11].—Very painful compression in the muscles of the right forearm; after some hours, the same sensation in the muscles of the right leg, more towards the outer part, above the external malleolus,[11].—Violent compression in the calves, forearms, and lower portion of the legs,[11].—Boring below the left elbow-joint and in the right ankle, while sitting,[10].—Drawing in all the long bones of the body, on motion,[8].—Drawing in the lower portion of the right calf, and in the left upper arm,[10].—*Drawing pains in various joints and parts of the extremities, *aggravated after taking wine*,[10].—Drawing pains on the inner surface of the left upper arm; in the left ankle; on the right tibia,[11].—Drawing pain in the left upper arm, and in the lower portion of the left thigh,[10].—Drawing and pressive pains in the right toes, and in the shoulder while sitting,[11].—[390.] Drawing and pressive pains alternately in the knees, shoulders, fleshy part of the thigh, in the lower legs, while sitting,[11].—Pressive drawing pains in the knees, inner side of the upper arm, frontal bone, metatarsal bones, shoulder-joint, especially in the evening and during rest,[11].—Pains on the inner side of the left upper arm, in the left ankle, in the anterior surface of the left thigh, also in the metatarsal bones, like a pressure, compression, and drawing,[11].—Pressure in the external muscles of the left thigh and in the muscles of the right upper arm,[11].—Pressure in the right wrist, afterwards in the first joint of the right great toe,[10].—Pressure in the ankle and right wrist,[11].—Pressure in the right thumb-joint, in the cool air, afterwards; in the right great toe,[11].—Pressure in the knees, great toe, joint of the right thumb, in the fingers; after rising in the morning,[11].—Pressure in the first joint of the left thumb, and sticking drawing in the metatarsal bones of the right side, extending towards the toes,[10].—Violent pressure in the left shoulder, relieved by moving the arm, but immediately occurring in the right ankle and wrist; this pressure changes to heaviness of the whole arm; it was also more acute and persistent during rest,[11].—[400.] Pressive pain in various joints; in the metacarpal bones,[11].—Pressive pain in the lower portion of the left leg, in the right knee, in the lower part of the left upper arm, in the first phalanx of the right third finger, in the wall of the thorax beneath the right nipple; worse while walking,[10].—**Pressive pains in the knees and wrists*, in the evening while sitting,[11].—Pressive and drawing pains, especially on the posterior and outer portion of the left thigh, and in the muscles of the left forearm, while sitting,[11].—Stitches in the ball of the left foot, above the left knee and above, the right wrist, on the dorsal surface,[10].—Stitches in the first joint of the right thumb, and violent pain in the left ankle-bones on standing up, which makes stepping and walking painful at first; followed by tearing on the left tibia,[10].—A bruised and heavy feeling in the knees, right thigh, and left arm, lasting several minutes, and often changing place,[11].—Bruised pain in the right knee, and in the middle of the left forearm,[10].—Tearing pain in the left ankle, and in the left fifth metacarpal bone,[10].—Violent tearing pain in the left tibia, in the right wrist, on the outer side of the left thigh,[11].—[410.] Sticking-tearing pain in the joints,[1].—(Jerking-tearing pain in the joints),[1].—Bruised pain in the left lower leg, above the right knee, in the right forearm, in the right metatarsal bones, and above the right wrist,[10].—Throbbing pain in the affected joints, preventing motion,[1].—The pains increase towards evening, in the knees, tibiæ, ankles, and shoulders; hitherto they have appeared only during rest, but at this time (fifth day of the proving) they are also noticed in the knees while walking, as a severe pressure lasting for a few minutes,[11].—

* *The pains in the joints only are worse on motion,* not those in other parts,[1].—The limbs, when not in motion, were almost entirely free from symptoms,[10].—The pains in the joints were not worse on motion; on the contrary, while they lasted, they could only be relieved by moving the affected part; when the limb was in motion, the pains were much less severe than when it was at rest,[11].

Superior Extremities.—Weakness of the upper limbs and pressure in several places, a kind of paralysis (after half an hour),[4].—Feeling of heaviness in the arms, especially the elbows,[11].—[420.] A peculiar sensation of heaviness and as if bruised in the left arm, especially in the elbows, worse during rest; the same sensation was afterwards noticed in the wrists and ankles,[11].—Pressure and tearing pressure, with a feeling of heaviness in various places in the right arm, especially the joints, in which the pain is much worse on moving about (after thirty-two hours),[4].—Violent pressure in the right arm above the elbow, and the same sensation along the ulnar margin of the left hand,[11].—Tearing pain in the arms (after three hours),[1].—Pressive bruised pain in the left elbow and shoulder-joints; afterwards in the right wrist,[10].—***Shoulder.*** Painful sensation of heaviness in the right shoulder-joint on motion,[11].—Drawing pains in the muscles about the left shoulder-joint,[10].—Pressure in the shoulder-joints,[11].—*Pressure in both shoulder-joints, worse on moving about,*[4].—*Pressure in the left shoulder-joint, worse on moving about,*[4].—[430.] Pressure in the forepart of the right shoulder-joint,[11].—Pressure and drawing in the shoulder-joints and in the left forearm,[10].—Pressure in the left axilla from within outward,[4].—Violent pressure on the right shoulder-joint,[10].—Violent pressure in the forepart of the left shoulder-joint,[10 11].—*Tearing pressure in the right shoulder-joint, worse on moving,*[4].—Sticking in the forepart of the left shoulder-joint,[10].—*An extremely painful sticking in the shoulder, on raising the arm,*[1].—Stitches below the right shoulder,[11].—Tearing in the right shoulder-joint,[4].—[440.] Stitches in the right shoulder-joint, and pressure in the muscles extending over it; worse during rest,[10].—Bruised pain in the muscles of the shoulder,[11].—Paralytic bruised pain in the shoulder-joints,[10].—***Arm.*** Pain in the middle of the upper arm, on moving it,[1].—Drawing pains on the inner surface of the right upper arm,[11].—Drawing pains extending from the axilla into the inner surface of the right upper arm,[10].—Drawing pain in the muscles on the inner side of the right upper arm,[11].—Pressure and a sensation of heaviness in the left upper arm (after forty hours),[4].—Pressure in the right upper arm from without inward,[4].—Pressure in the muscles of the right upper arm and forearm,[11].—[450.] Pressure in the upper part of the left upper arm,[10].—Intermitting tearing pressure in the left upper arm, from before backward, worse on moving about,[4].—Fine stitches on the upper part and inner side of the right upper arm,[10].—Tearing in the muscles on the inner side of both upper arms,[11].—Tearing and pressure in the upper part of both upper arms,[10].—Violent tearing pains in the right humerus,[10].—Bruised pain in the upper part of the left upper arm,[10].—***Elbow.*** Feeling of weariness and a bruised sensation in the elbow-joints and fingers, momentarily relieved by moving the joints; very frequent,[11].—Sudden violent boring pain in the bend of the left elbow, while the arm was perfectly quiet and partly flexed,[11].—Drawing pain in the left elbow, and a feeling of heaviness in the left arm, especially in the elbow,[11].—[460.] Pressure in the left elbow,[10 11].—Pressure in the right elbow-joint,[10].—Pressure in the right elbow-joint, worse on motion,[4].—Pressing pain in the left elbow,[10].—Stitches in the bend of the left elbow,[11].—Tearing pain

from the lower portion of the left upper arm through the elbow into the upper part of the forearm, several times repeated,[10].—Bruised pain in the right elbow-joint, extending into the upper part of the forearm,[10].—Pressive bruised pain in the right elbow, extending into the forearm and first metacarpus of the left side,[10].—***Forearm.*** Pressive tensive sensation in the muscles of the right forearm, as if sprained, in all positions (after twenty-four hours),[5].—Drawing in the right forearm,[10].—[**470.**] Drawing in the lower portion of the bones of the left forearm,[10].—Pressure, with a bruised sensation, in the left forearm, in the morning,[10].—Pressure in the middle of the left radius,[10].—Dull pressure in the lower portion of the radius and ulna, extending into the wrist and metacarpal bones, lasting a long time,[10]. —Pressing and twisting pain extending from the left elbow-joint through the deep parts of the forearm to the wrist,[10].—Tearing pain on the anterior portion of the left forearm,[10].—Painful jerking in the upper part of the forearm,[7].—***Wrist.*** Hard swelling on the tendon of the thumb at the wrist, which is painful on bending the thumb,[1].—Compression in the right wrist and above the left wrist,[11].—Violent dull pressure in the right wrist, in the evening,[10].—***Hand.*** [**480.**] *Trembling of the hands on taking hold of them, and on moving them,*[2].—**Great trembling of the hands, as from the weakness of old age, especially on moving them* (after five hours),[5].—Boring pain in the right first metacarpus and thumb-joint,[10].—Boring pain in the first left metacarpus, in the evening,[10].—Drawing in the palm of the left hand,[10].—Drawing in the metacarpal bones,[11].—Drawing in the first left metacarpus,[10].—Drawing pains in the left fourth and fifth metacarpal bones,[10].—Drawing pain in the extensor tendons of three fingers of the left hand,[1].—Drawing pains in the fourth and fifth metacarpus, extending into the toes of the left foot,[10].—[**490.**] Pressure in the left fifth metacarpus,[10].—Pressure between the metacarpal bone of the right thumb and the wrist, worse on motion (after seven days),[4].—Pressing-asunder pain in the left hand,[11].—A violent or fine sticking in the hands,[1].—Tearing pain in the hands,[1].—Feeling of stiffness on moving the fingers of the left hand,[11]. —***Fingers.*** A peculiar feeling of stiffness in the right fingers,[11].—A feeling in the nail of the left third finger as if raised up by pressure from beneath, together with prickling in the tip of the finger; this persisted in every position of the hand, was alternately more and less severe, and lasted several hours,[10].—**Boring pain in the first joint of the right thumb,*[10].—**Boring in the first joint of the right thumb, with a feeling of stiffness,*[10].—[**500.**] ***Violent boring pain in the first joint of the left thumb,***[10].—Pressure in the right finger-joints, in the evening,[10].—Sticking and pressure in the first joint of the right thumb and fourth finger, during rest,[10].—Tearing in the first joint of the right index finger,[10].—Tearing pain in the first joint of the thumb, disappearing on moving the thumb,[3].—Stitches as with needles beneath the right thumb-nail,[11].—Fine tearing in the left fingers, especially the joints, worse on moving them,[4].—***The periosteum of the phalanges is painful on pressing it,***[1].

Inferior Extremities.—Drawing pains through the left lower limb,[10].—Drawing pain in the lower legs, in the right thigh, in the outer and upper portion; several times, while walking and when at rest,[10].—[**510.**] Drawing pains in the whole outer portion of the left leg,[11].—Tearing pressure from the hip-joints to the ankles, worse on motion,[4].—Pressive pains in the legs, noticed early in the morning, when awakened by a noise,[11].—Drawing and sticking on the outer margin of the sole of the left foot and in the muscles above the right patella, while walking,[11].—***Hip.*** Pain in

both hip-joints and in the small of the back, when rising from sitting,[4].—Pinching-drawing pain in the sockets of both hip-joints, also extending to the posterior portion of the thigh (after two hours),[6].—*Pressure in the right hip-joint*, worse on moving it (after four days),[4].—***Thigh.*** The posterior muscles of the thighs feel paralyzed,[1].—Pain in the muscles of the right thigh while walking, so violent that the knees involuntarily give way,[11].—Boring in the trochanter and tuber ischii of the left side,[10].—[**520.**] Jerk-like boring in the middle of the left femur, while sitting,[10].—Boring pain in the thigh above the right patella, several times,[10].—Boring-pushing pain in and behind the left trochanter,[10].—Drawing in the external soft parts of the right thigh,[10].—Drawing and pressive pains along the posterior surface of the left thigh, frequently while sitting,[11].—Violent drawing pain in the whole posterior surface of the left thigh,[11].—Pressure in the great trochanter and tuberosity of the ischium of the left side,[10].—*Pressure on the left thigh towards the posterior portion; it seems as though the muscles were not in their proper position, like a pain from a sprain; in every position, though especially when walking or touched* (after twelve days),[4].—Dull pressure on the anterior and outer portion of the middle of the left thigh,[10].—Tearing pain extending from the left trochanter major into the thigh,[10].—[**530.**] Pain as if in the periosteum of the femur, when walking, sitting, and when touched, as from a bruise, as if sore, or as if the flesh were torn loose from the bones,[1].—Painful bruised sensation in the muscles on the posterior portion of the thigh, extending into the knee of the left side, while walking and standing,[10].—***Knee.*** **Swelling and tensive and sticking pain in the knee, when walking*,[1].—*Cracking and creaking of the knees,[1].—**Weakness of the knee-joints, and a tearing pressure in them, when walking*,[4].—*Great weakness in the knee-joints, obliging him to sit down,[4].—*Stiffness of the knees,[1].—Stiffness in the knees, only when walking,[1].—Feeling of stiffness in the left knee and ankle, while walking,[10].—Pain in the right knee on moving it, in the morning immediately after rising,[10].—[**540.**] Tensive pain in the knees and heels, when walking after sitting,[1].—Feeling of compression in the left knee,[11].—Boring pain in the right knee to the left of the patella,[10].—Drawing pains now and then in the knees,[10].—Drawing pains from the left thigh into the knee,[10].—Pressure in the right knee,[11].—Pressure in the left knee,[11].—Pressure in the left knee inward from the patella, in the evening,[10].—Pressure in the left knee, in the night on waking,[10].—Pressure alternately in the knees and ankles, appearing and disappearing suddenly,[11].—[**550.**] Pressure and drawing pain in the left knee,[10].—Pressure near the right side of the left patella, worse on motion (after twelve hours),[4].—Dull pressure and tearing in the left knee and on the left tibia, while sitting in the evening; repeatedly,[10].—**Tearing pressure in the right knee-joint and farther down, worse on motion*,[4].—Jerklike pressure above the right knee and ankle,[11].—Pressive pain in the left knee,[11].—Pressive pain in the left knee, extending into the posterior and external soft parts of the lower portion of the thigh,[10].—Pressive pain in the left knee, frequently while sitting in the afternoon (first day),[11].—Dull sticking and pressure in the right knee-joint, worse on motion,[4].—Stitches in the left knee,[10].—[**560.**] **Pain in the knees, as if beaten or sore*,[1].—Pain as if beaten in front of both patellæ, when walking,[1].—***Leg.*** *Swelling of the legs extending above the calves, with tensive pain, especially in the evening (after a few hours),[1].—Stretching of the legs,[1].—Painful feeling of weakness in the left lower leg, and a pulling in the tendon on the back of the left foot,[10].—Weakness and a feeling of heaviness in the lower legs,[4].—Ten-

sion in the lower portion of both calves, when walking,[10].—A constant violent pressing-asunder pain in the whole right leg, while sitting,[11].—Violent pressive pain in the bones of the left lower leg, especially the lower portion, while sitting, lasting two hours in the forenoon,[10].—Compression in the lower portion of the left lower leg, in the evening,[10].—[570.] Drawing pains in the lower legs,[10].—Tearing deep in the right lower leg,[10].—Tearing in the lower and forepart of the left leg, in the afternoon,[10].—Tearing pain deep in the right lower leg, in the evening,[10].—Tearing pains in the bones of the left leg,[10].—Boring in the right tibia,[10].—Boring pain in the right tibia below the knee,[10].—Violent boring and drawing pain in the left tibia, even when walking,[11].—Drawing in the right tibia,[10 11].—Pressure in the right tibia,[10].—[580.] Pressive pain in the left tibia and calf,[11].—Pressive pain in the upper part of the left tibia, extending downward, while sitting,[11].—Stitches in the right tibia,[11].—Tearing in the right tibia,[10].—Tearing along the whole right tibia,[10].—Tearing along the right tibia, in the evening,[10].—Tearing in the left tibia, in the afternoon, afterwards in the lower anterior portion of both legs,[10].—Tearing pain in the left tibia,[10].—Tearing pains in the left tibia, frequently repeated,[10].—Violent scraping sensation on the left tibia, while sitting,[10].—[590.] Drawing pain in the left fibula,[10].—Tensive pain in the calves while walking, after sitting,[1].—Cramplike pain in the calves,[1].—Cramp in the calves, while lying at night, disappearing on rising, but immediately returning after lying down (after twenty-four hours),[1].—Grasping pain in the calf, extending down the tibia,[1].—Drawing pain in the left calf,[11].—Drawing in the lower portion of the calves very frequently, even when walking,[10].—Drawing pain in the lower portion of the left calf,[10].—Drawing pains in the lower portion of the left calf, and deep in the left sole,[10].—Stitches in the calves,[10].—***Ankle.*** [600.] **Swelling of the feet about the ankles, with intolerable pain in the ankles on stepping* (fifth day),[1].—One day the pains began in the ankles, then changed to other joints,[11].—Boring in the ankle and metatarsal bones, extending into the toes of the right foot,[10].—Boring in the left inner malleolus and metatarsal bones,[10].—Boring in the right inner malleolus, in the evening in bed,[10].—Boring pain in the right ankle-bones beneath the inner malleolus, also in the first and second cuneiform bones of the left side, while walking,[10].—Drawing pains in the right ankle,[10].—Pressure in the ankles,[11].—Pressure in the right ankle,[10].—Pressure in the left ankle,[11].—[610.] Pressure in the right ankle, while sitting, and also in the tip of the right toes,[11].—**Pressure in the bones of the ankle and in the lower portion of the left leg, in the morning,*[10].—Pressure as with a finger in the left malleolus, equally in every position,[4].—**Pressure above the left internal malleolus, worse on motion,*[4].—Dull pressure in the right ankle, while sitting,[10].—Violent pressure in the left external malleolus,[11].—**Pain in the ankles, as from a sprain or false step,*[1].—Sticking in the ankles,[1].—Tearing in the upper portion of the left ankle,[10].—***Foot.*** Swelling of the feet for eight days,[1].—[620.] **Chronic swelling of the feet,*[1].—***Stiff and rigid in the feet in the morning,*[1].—Stiffness of the feet, with chilliness, and confusion of the head,[1].—***Great weariness of the feet,*** as if she had walked several miles; she noticed it while sitting or lying, not while walking,[1].—Weakness and pressure in the left foot, extending from the sole up to the thigh; a kind of paralysis or paralytic pain,[4].—***Heaviness in the feet,*** frequently extending into the knees,[1].—Boring pain on the cuneiform bones of the right foot, in the morning,[10].—Drawing pain in the right metatarsal bones, extending into the toes and into the middle of the right ulna,[10].—Pulling pain in the outer margin of the foot,

extending towards the back of the foot,[10].—Dull pressive pain in the left metatarsal bones, extending into the toes,[10].—[630.] Tearing in the right metatarsal bones,[10].—Tearing in the left metatarsal bones, in the morning in bed,[10].—Feeling of jerking in the feet, and weariness in them on bending them,[1].—Drawing on the back of the right foot,[10].—Pressure on the inner margin and the back of the left foot,[4].—Pressure upon the back of the left foot, in bed,[4].—Violent pressure on the back of the right foot, in the evening,[11].—Tearing pains on the back of the right foot,[10].—**The soles of the feet are painful when walking, as if congested with blood*,[1].—Drawing pain in the sole of the left foot,[10].—[640.] Pressure in the soles of the feet, now here, now there (after eleven days),[4].—Pressure in the soles of both feet, worse when walking,[4].—Pressure in the joints of the sole of the left foot, now here, now there, worse on motion,[4].—**Pressure on the inner margin of the sole of the left foot* (after five days),[4].—Burning pressure on the forepart of the sole of the right foot,[4].—Violent stitches in the sole of the foot near the inner side, while walking,[10].—Fine stitches in the sole of the left foot,[11].—Tearing in the sole of the left foot towards the outer margin,[10].—Boring in the left heel,[10].—Pressure above the right heel,[4].—[650.] **Pain as if bruised under the heel, when walking* (after two hours),[1].—***Toes.*** Gout reappears,[1].—***The ball of the great toe is soft, thick, and painful on stepping*,[1].—**Violent pain in the joint of the left great toe, while walking in the morning, so that walking was painful* (pain repeated next morning on rising),[10].—A feeling as of a rush of blood towards the great toe,[1].—Aching in the right toes,[10].—**Boring pain in the right great toe, in the morning*,[10].—**Boring in the first joint of the right great toe*,[10].—Drawing in the left toes,[10].—Drawing on the flexor surface of the right toes, while sitting,[10].—[660.] Drawing pains in the right toes,[11].—Drawing pains on the under portion of the toes of both feet, in the evening,[10].—Drawing pains in the left toes,[11].—Drawing asunder pains in the right toes,[11].—Pressure in the joint of the right great toe,[11].—Pressure in the first joint of the right great toe,[10].—Pressure beneath the nail of the right great toe,[10].—Pressure in the place where the three last toes join the metatarsus, worse on motion (after three days),[4].—Pressure on the uppermost joints of the left toes,[4].—[670.] Dull pressure on the anterior part of the left toes, lasting over an hour,[10].—Boring pressure in the first joint of the left great toe,[10].—Pressive pain in the first joint of each great toe, at 9 P.M.,[10].—Cutting in the toes of the left foot, at night during sleep (after forty-eight hours),[1].—Sticking pains in the articulation of the right great toe,[10].—Stitches in the left second and third toes,[10].—Stitches in the joint of the right great toe,[10].—Stitches in the first joint of the right great toe, frequently,[10].—Stitches in the first joint of the left great toe, and in the ball of the right great toe,[10].—Stitches in the first joint of the left great toe,[10].—[680.] Stitches as with needles in the left toes,[11].—Fine stitches in the right great toe,[10].—Fine stitches in the tip of the right great toe,[10].—A slow persistent stitch in the great toe (after two hours),[1].—Fine tearing in the left toes, especially on the under surface,[4].

General Symptoms.—Objective. She had to lie with the head high (night),[12].—Suddenly great weakness in the evening, followed by chilliness, lasting an hour, so that he was obliged to warmly cover himself; externally the skin was quite cool; very perceptible general trembling of the muscles, with heat and heaviness of the head, small and rapid pulse; the whole night following this attack was wakeful, restless; sleep with confused dreams, frequent micturition with cutting pain, many pains in the limbs, pains in the scalp, walls of the chest, like Ledum symptoms, but

much more severe and persistent (without heat, sweat, or thirst); next morning, woke very early; excessive weakness lasted all day; much chilliness, painful sensitiveness of the whole skin of the limbs and scalp to touch, pain and violent tearings in the bones of the legs especially, boring in the parietal bones, and at intervals flushes of heat in the forehead and redness of the face, stitches in the throat, swollen tonsils, small, rapid pulse and ill-humor; the prover went to bed after dinner and took Bryonia, having previously taken Camphor without relief; on the next day the prover was much better, but there remained no more Ledum symptoms, pains in the joints, etc.,[10].—(So exhausted after nocturnal emissions that he could scarcely move his feet along),[1].—Faintness,[1].—Stupefaction of the whole body, as in vertigo (after half an hour),[5].—***Subjective.*** [690.] Distressing weakness and weariness while sitting, standing, and walking; after sitting a long time he feels a pain in the coccyx,[4].—General sensation of heaviness and weakness,[11].—Desire for smoking in one unaccustomed to it, so that the prover smoked a small pipe of Turkish tobacco; this was immediately followed by vertigo, so that he was obliged to steady himself; the forehead was heavy and confused, followed by nausea and much accumulation of saliva, general cold sweat, paleness of the face, deep lines from the wings of the nose to the mouth, small, rapid pulse, palpitation, oppression of the stomach, rumbling in the abdomen; every exertion renewed the nausea, so that he took Nux vom., which relieved after half an hour; the weakness, bitter taste, and confusion of the head lasted three hours; somewhat refreshed by washing the face in cold water,[10].†—Almost incessant wandering pains,[11].—Pain in the knees, left wrist, left side of the occiput, soon after rising in the morning,[11].—Boring pain in the left tibia, in the left upper jaw,[11].—Boring pain in the zygomata, and in the left trochanter major,[10].—Boring in the left side of the lower jaw, and afterwards in the left tibia,[10].—Boring pain in the left tuber ischii, in the left tibia, above the inner malleolus,[10].—Boring pain in the left tibia, in the right angle of the lower jaw,[10].—[700.] Boring pain in the right ankle, at the sides of the left tendo Achillis, in the left zygoma,[10].—Drawing pain in the lower portion of the right fibula, in the right frontal bone above the eye,[10].—Drawing pain in the joint of the right great toe, in the left hip-joint, and frontal bones,[10].—Drawing pain above the left elbow, in the left tibia, dorsal muscles, and left metatarsal bones,[10].—Drawing pains alternately in the left leg, right knee, the left hip-bone, the left wall of the chest, the left side of the lower jaw, in the right wrist,[10].—Drawing pains in the left tibia, on the posterior margin of the right scapula, in the right deltoid muscle at its insertion into the humerus, in the muscles along the dorsal vertebræ, in the right parietal bone, in the right toes, and in the soft parts above the left knee,[10].—Pressure in the frontal bones and in the right shoulder-joint,[10].—Pressure in several joints, and in the upper part of the right wall of the chest,[11].—Pressure in the knees, in the right metacarpal bones, in the upper part of the left side of the chest, without affecting respiration,[11].—Pressure in the bones and soft parts behind the right ear, and above the left elbow-joint,[10].—[710.] Pressure in the right zygoma and right external malleolus while sitting,[10].—Pressure in the right articulation of the jaw, in the left wall of the thorax, in various places,[10].—Pressure in the dorsal muscles, in the muscles of both upper arms,[11].—

† As the effects of the tobacco passed off, the Ledum symptoms returned.

Pressure in both femora and behind the right ear,[10].—Pressive pains in the bones of the ankle, in the knees, toes, bones of the wrist, alternately shifting from place to place; while sitting towards evening; these symptoms began about 5 P.M., and lasted all the evening, alternately with drawing pains in the calves, pressure in the right or left side of the frontal bone, drawing pains in the toes, in the left clavicle, muscles of the arms, hip-joints, lumbar muscles; sticking pain in the region of the spleen, and tearing pains in the right tibia,[11].—After walking in the open air he is attacked by pressure and tearing, extending from the side towards the shoulder across the chest, a grasping in the sternum; the hearing and vision vanish; he is obliged to lie down; remains pale for a quarter of an hour; is anxious, and has cold hands and diarrhœa,[1].—Dull pressure on the back of the right foot; in the lumbar vertebræ; between the left scapula and spine,[10].—Pressive and tearing pains, worse towards evening, about 5 o'clock; worse during rest; especially in the knees, dorsal muscles, elbows, hands, temples, and finger-joints,[11].—Dull pressive pain deep in the angle of the lower jaw, now of the left, now of the right side; also in the flesh of the left upper arm, in the ankle, and in the dorsal muscles,[11].—Drawing pressive pains, especially in the limbs, with a feeling of heaviness in the knees and sticking in the calf, even when walking, appearing with renewed violence half an hour after 30 drops of the tincture,[11].—[**720.**] Stitches in the left tibia, pressure in the left temple and left knee, all worse in the evening,[10].—Tearing in the right parietal bone; in the bones above the left ankle, with a feeling of weakness in the tibia below the right knee-joint; in the left heel,[10].—Tearing in the left scapula, on the anterior surface of the right tibia, and above the right knee,[10].—Tearing, extending from the small of the back into the occiput, left half of the brain, and left jaw, especially in the evening; with hot, red, bloated cheeks and inflamed eyes,[1].—Tearing in the frontal bone in the morning, also in the right elbow, in the lower portion of the left calf, and in the right knee,[10].—Tearing in the frontal bone, in the toes of the left foot, and in the articulation of the right great toe,[10].—Tearing in the frontal bone, zygoma, first metacarpus,[10].—(Tearing pain in the back and knees),[1].—Tearing pains in the right metatarsal and frontal bones,[10].—Tearing pain in the head and eye; the white of the eye and conjunctiva swollen and highly inflamed; the tearing pain in eye is aggravated when lying, relieved when sitting; the lids are not affected, but agglutinated in the morning, as with matter, and an offensive moisture is discharged from between them; together with shivering in the evening, followed by heat, nightly thirst, rumbling in the abdomen (with good appetite), heat of the head, rather internal than external, and sweat on the back and in the hair of the head (after twenty-four hours),[1].—[**730.**] Transient, tearing, rheumatic pains, especially on moving,[1].—**The limbs and whole body are painful, as if bruised and beaten*,[1].—**It was very noticeable that the pains changed their location suddenly*,[11].—Symptoms change from place to place, remain but a moment, and frequently recur,[11].—At times the left side seems more affected than the right,[11].—The left side seemed throughout to be more affected than the right; the symptoms seemed not only more numerous, but more severe on the left side of the body,[11].—Symptoms are usually more numerous and worse towards evening,[11].—The pains were aggravated in the evening from 5 o'clock until lying down, but not in bed; the nights were free from pain, except on waking, which, however, was not caused by the pains; the warmth of the bed, also, did not aggravate the pains,[11].—All symptoms occur while sitting; while the limbs

are quiet, the symptoms appear in them, in the arms while walking, and not in the legs, or only very slightly,[11].—The pains in the joints, etc., diminish gradually after 9 P.M., and are not at all felt during the night,[11].—[740.] Symptoms entirely disappeared after taking Camphor,[11].

Skin.—Eruptions, Dry. Bluish spots, like petechiæ, over the whole body,[1].—Dry, intensely itching spots on the body, with anxiety,[1].—Eruption of small pimples, like red millet-seeds, over the whole body (excepting the face, neck, and hands), with itching during the day and only at times during the night, not relieved by scratching,[1].—Small, round, red spots, without sensation, on the inner side of the arm, on the abdomen, and feet (after forty-eight hours),[1].—Itching eruption in the hollow of the knee,[1].—Itching rash on the wrists,[1].—**Eruption of pimples on the forehead, as in brandy drinkers, with biting-itching on the chest, as from lice; red blotches and nettlerash eruption*,[1].—A painless pimple above the middle joint of the index finger,[1].—Fine pimply eruption on the back of the feet, which itches in the evening,[1].—[750.] **Red, pimply eruption on the face*, with sticking pains when touched,[1].—**Small pimples on the root of the nose* (three pimples previously noticed, two on the left temple and one on the left cheek, have dried up),[10].—*Two small pimples in the forehead, somewhat hard, and with a little point,[11].—Dry pimples on the forehead, especially in the middle, like millet-seeds, without sensation, lasting six days (after twenty-four hours),[5].—Some red, painless pimples on the left temple and cheek, partly elevated above the skin, lasting several days,[10].—Small red pimples on the back, which itch constantly,[1].—***Eruptions, Moist.*** A red moist place on the coccyx above the anus, painful, with biting, sore itching, while sitting and walking (after forty-eight hours),[1].—Chicken-pox on the chest and arms, which desquamates after five days,[1].—***Eruptions, Pustular.*** Pustules on the margins of the upper lip, with burning itching, which obliges scratching, and is aggravated thereby (after twenty-four hours),[5].—Boil on the scapula,[1].—[760.] Pimples and boils on the forehead,[1].—***Sensations.*** Fine itching-sticking and itching corrosion in several parts of the body, especially on the hips, thighs, and upper arms, provoking scratching, which relieves, but they always return worse than ever,[4].—Slight itching, needlelike stitches on several parts of the body, provoking scratching, after which they are relieved for a long time, but afterwards return worse than ever,[4].—**Itching of the skin*,[1].—Itching all over, as if an eruption would break out (after forty-eight hours),[1].—Transient fine sticking-itching of the skin over the whole body,[1].—Sensitiveness like a burning, with some redness, in the fold of the skin between the wings of the nose and cheeks, on both sides,[10].—Stitches in the skin at the lower border of the right nasal bone,[10].—Fine itching-sticking and itching corrosion in the hip-joints, relieved by scratching, then returning more violent,[4].—Fine sticking-itching corrosion on the thighs, somewhat relieved by scratching, but returning more violent,[4].—[770.] Itching on the ankles and loins,[1].—Itching and biting on the side of the abdomen and on the arms, with burning after scratching (after twenty-four hours),[1].—Burning itching on the thighs at night, which, on scratching, becomes only a burning, and then disappears (after two hours),[6].—Fine sticking-itching corroding on both upper arms, relieved by scratching, but soon again recurring,[4].—**Excessive, corrosive itching on the backs of both feet; after scratching it becomes more violent; only relieved after he has scratched the feet quite sore; much worse in the warmth of the bed*,[4].

Sleep and Dreams.—Sleepiness. Sleepiness,[4].—Great inclination to lie down, in the morning; he is sleepy, anxious, and out of humor

(fourth day),[1].—Deep, uneasy sleep; he lies at night upon the unusual side and cannot arouse himself in the morning,[3].—***Sleeplessness.*** Sleeplessness, lasting till midnight,[6].—*Sleeplessness, with restlessness and tossing about,*[1].—[780.] Sleep restless, with confused dreams,[1].—Uneasy sleep at night, tossing about in bed; in the morning in bed violent chill, he is then quite unable to get warm, followed by an unusually long morning sleep,[3].—He wakes frequently, and cannot fall asleep for some time,[1].—Started and was frightened out of sleep, and afraid to go to sleep again, because she would die (first night),[12].—She is unable to sleep, and constantly starts up; if she closes the eyes she has fantasies and visions, while almost wide awake,[1].—***Dreams.*** Vivid, voluptuous dreams, with erections, without emissions,[5].—Lascivious dreams,[4].—Dream full of shame, with perspiration, at night,[1].—Uneasy dreams two nights,[10].—*Uneasy dream; he is now in one, now in another place, busy now with one, now with another subject,*[4].—[790.] Dream full of anxiety, with profuse perspiration,[1].—Awakened by a dream which causes her to start up,[1].—Vivid dream of great misfortunes,[5].—The morning sleep full of dreams of murder and violence,[6].—Attack of nightmare, with a feeling as if the throat was swollen (first night),[12].

Fever.—Chilliness. Chilliness, as if this or that part had been dashed with cold water,[1].—At one time much, at another less febrile chilliness, with shaking all over; lasting three days; without heat, but with thirst for cold water, with heat in the hard palate,[2].—He is very chilly in the forenoon,[3].—Violent chill, in the morning in bed; he is quite unable to get warm,[3].—(Shaking chill, with trembling, towards evening, without thirst or subsequent heat),[1].—[800.] General coldness and chilliness,[1].—Coldness of the body, in the morning, without sensation of chilliness,[1].—Shivering and chilliness for twenty-four hours, with gooseflesh, without external coldness,[1].—Chilliness in the back; subsequently repeated (soon after first dose),[10].—Chilliness in the lumbar region,[10].—Chilliness in the region of the lumbar vertebræ, frequently repeated,[10].—Frequent chilliness in the back, with cold hands, at 9.45 A.M.; the same symptoms were noticed yesterday at the same time, and also at 2.30 P.M., without being dependent on any external cause,[10].—Chilliness and febrile drawings in the limbs, without subsequent heat,[1].—*Chilliness, without subsequent heat; the rest of the body was warm, only the external portions of the limbs were cold* (after three hours),[4].—[810.] Much chilliness in the back, with cold extremities; the chilliness was at first more between the shoulders, afterwards in the lumbar region,[10].—*Shaking chill over the whole back, with somewhat hot cheeks and hot forehead, without redness of the face or thirst, with cold hands* (after three-quarters of an hour, and two hours and three-quarters),[5].—Feeling of coldness in the lumbar region,[10].—Sensation of coldness confined to the lower legs, while sitting, yet they are not cold,[1].—***Heat.*** Heat all over, without thirst,[1].—He soon becomes warm and hot while walking, and the forehead perspires,[1].—Intolerance of the bed-covers, because they cause heat,[1].—An unusual feeling of warmth in the face that is not warmer than usual to the external touch,[10].—Heat in the back, head, and cheeks,[11].—**The warmth of the bed is intolerable on account of the heat and burning of the limbs,*[1].—[820.] **Heat in the hands and feet, in the evening,*[1].—Great heat of the hands, with much-distended veins (no exertion had been made with them),[11].—***Sweat.*** He perspires, and cannot bear the bed-covers,[1].—Perspiration all night, from evening till morning (after four hours),[1].—Sudden perspiration, while walking in the open air, mixed with little chills,[1].—**Slight perspiration all over, on waking from sleep, with itching over the*

whole body, provoking scratching,[5].—Offensive perspiration all over; even the hair of the head was wet,[1].—Perspiration on the knees, in the morning,[1].—The palms of the hands are sweaty during the day,[1].—**Long-continuing warm sweat on the hands and feet*,[1].—[830.] If he perspires while walking, the perspiration on the forehead has an offensive sourish odor,[1].

Conditions.—**Aggravation.**—(*Morning*), After rising, retching, etc.; stitches in chest; pressure beneath nipple; after rising, pressure in knees, etc.; pressure in forearm; early, pains in legs; pressure in ankle-bones; stiffness in feet; boring in bones of feet; in bed, tearing in metatarsal bones; pain in great toe-joint; boring in great toe; soon after rising, pains in knees, etc.; in bed, chill; coldness of body, etc.; perspiration on knees.—(*Forenoon*), Chilliness; about 9.45 o'clock, chilliness in back, etc.—(*Afternoon*), Pains in wall of chest; towards evening, pains in knees, etc.; tearing in left leg; tearing in tibia; towards evening, while sitting, pressive pains in ankle-bones, etc.; about 5 o'clock, pressive, etc., pains; towards evening, the symptoms,[11]; towards evening, shaking chill, etc.—(*Evening*), Pressure in eyes; pains in zygoma, etc.; cutting colic; stitches in wall of chest; pressive drawing in knees, etc.; pressure in wrist; pain in left metacarpus; pressure in finger-joints; pressure in knee; swelling of legs, etc.; compression in leg; tearing in leg; tearing along tibia; in bed, boring in malleolus; pressure on back of foot; stitches in tibia, etc.; tearing from back into occiput, etc.; shivering, etc.; from 5 o'clock, until lying down, but not in bed, the pains,[11]; *heat in hands, etc.*—(*Night*), On waking, pressure in knee; while lying, cramp in calves; during sleep, cutting in toes; perspiration.—(*Cool air*), Pressure in thumb-joint.—(*Cold damp weather*), The symptoms,[10].—(*Eating*), Drawing, etc., in pit of stomach.—(*Lying*), Weariness of feet; tearing in eye.—(*Motion*), Pressure on margin of orbit; *asthmatic attack in chest;* pressure on sternum; drawing in long bones; pains in joints; pressure in joints of arm; heaviness in shoulder-joint; pressure in shoulder-joints; *pressure in left shoulder-joint;* pressure in elbow-joint; trembling of hands; tearing in fingers, etc.; pressure from hip-joint to ankles; *pressure on hip-joint;* pressure near left patella; *pressure in knee-joint;* sticking, etc., in knee-joint; *pressure above internal malleolus;* pressure in joints of left sole; pressure where toes join metatarsus; tearing pains.—(*Reading*), Boring in temple, etc.—(*Rest*), All symptoms,[10]; nausea; pressive drawing pains in knees, etc.; pressure in left shoulder, etc.; heaviness, etc., in arm, etc.; stitches in shoulder-joint, etc.; sticking, etc., in thumb-joint, etc.; pressive, etc., pains.—(*Sitting*), Pain in angle of jaw; pressure on chest; stitches in side of chest; pain in loins; boring below elbow-joint; pressive, etc., pains in thigh, etc.; boring in middle of femur; drawing, etc., along thigh; pain in knee; pressing-asunder pain in leg; pain in bones of leg; pain in tibia; scraping on tibia; pressure in ankle, etc.; weariness of feet; drawing in toes; pain in coccyx; all symptoms,[11]; cold sensation in legs.—(*Walking*), Vertigo; pressure in margin of pelvis, etc.; drawing in chest; pressure upon chest; pain in leg, etc.; drawing, etc., in left sole, etc.; pain in muscles of thigh; pain in knees, etc.; stitches in sole; symptoms of the arms.—(*Warmth of bed*), *Itching on backs of feet.*—(*Wine*), The symptoms,[10]; pains in joints, etc.

Amelioration.—(*Night*), Desire to urinate; pains in joints, etc.—(*Motion*), Pains in joints.—(*Sitting*), Tearing in eyes.

LEPIDIUM.

Lepidium Bonariense, D. C.
Natural order, Cruciferæ.
Preparation, Tincture or trituration of the leaves.
Authority. Mure, five provings, Pathogenesie Bresilienne.

Mind.—Emotional. She fancies herself alone in a graveyard, pursued by a ghost, and screams so that her voice is lost next day; yet nobody hears her (fourth day),[2].—Merry mood (curative effect, after the sadness of the previous days), (fourth day),[2].—Merry mood; she laughs about everything (sixth day),[1].—Sadness on awaking (second day),[1].—Sad, uneasy, quarrelsome, dissatisfied; with deep sleep (fifth day),[1].—Deep melancholy; with thoughts of sickness (fourth day),[1].—***Intellectual.*** Want of ideas; inability to think; with indifference to everything (first day),[3].

Head.—Vertigo. Vertigo, with disposition to fall forward (fourth day),[1].—Vertigo, with falling forward of the head, on setting down a basin of water (third day),[2].—[**10.**] Vertigo and nausea, in the evening (eighth day),[1].—Dizziness, at about 9 A.M.; her head fell forward, and she imagined the floor was sinking under her; everything seemed turning around (second day),[1].—***General Head.*** Heaviness of the head, with an indefinite feeling of uneasiness in the brain, especially on the left side (third day),[5].—Headache, with heat at the forepart of the vertex (first day),[3].—Violent headache, at 4 P.M. (first day),[3].—Violent headache in the morning, lasting till 2 P.M. (thirteenth day); violent headache in the evening, with sense of compression in the forehead, from temple to temple (sixteenth day); the violent headache continues, and is felt all day; beginning regularly at about 10 A.M., and ceasing at night (seventeenth, eighteenth, and nineteenth days),[5].—Constrictive pain in the head (fourth day),[1].—Constant dull headache (first day),[3].—Pressing and pricking pain around the head (fifth day),[2].—Pain on rising, as from the pressure of a heavy ring on the head (third day),[1].—[**20.**] On waking, acute pains in the head and posterior cervical muscles (fourth day),[5].—Beating and throbbing in the head, from within outward, which causes it to hang down (fourth day),[2].—Violent headache, as if the brain were beaten with a hammer from the inside and jumped up and down in an empty space; it lasts half an hour (second day),[5].—***Forehead.*** Pain in the forehead, with throbbing in the left side, for ten minutes (sixth day),[1].—Headache above the orbits and in the temples, worse by contact and when raising the eyes (third day),[2].—Tightness in the forehead, as if compressed, at 11 o'clock, lasting a quarter of an hour (first day),[3].—Pulling in the forehead and at the root of the nose (first day),[3].—Throbbing over the forehead, making the head fall forward; it does not last long (fourth day),[2].—***Vertex.*** Boring pain on the left side of the vertex at noon; it pierces to the ear (third day),[1].—***Parietals.*** Pain passing quickly through the right side of the head, from the top of the left parietal bone to the eyebrow (sixth day),[1].—[**30.**] Pains in the whole left side of the brain, commencing above the eye (which feels contracted), and spreading to the vertex, the back part of the head, and lastly to the nape of the neck, where they remain seated for some time; they appear in succession, one never being felt until another has ceased, and seem to be in the membranes (second day),[5].—Slight lancinations in the head, always on the left side (twenty-fourth day),[5].—***External Head.*** Sensitiveness of the scalp (fifth day),[4].

Eye.—Eyes red, injected, and painful (seventh day),[5].—Burning sensation in the eyes, at 11 o'clock (fifth day),[4].—Pain in the right eye, as from a heavy ring which presses against it and causes an itching in the inner canthus (fifth day),[2].—Lancinations in the right eye, without redness, for three hours (third day),[3].—Pricking in the eyes, in the evening, as from something very astringent (sixth day),[5].—***Orbit.*** Lancinating pains above the eyes, and in the temples (seventh day),[5].—Lancinations above the left eye, and in the left temple (twenty-first day),[5].—***Lids.*** [40.] Eyelids very weary; she can scarcely lift them all night (second day),[3].—Weight on the eyelids, with inclination to close them (first day),[3].—***Lachrymal Apparatus.*** Painless lachrymation (third day),[2].—The left eye is full of water; the pain is worse when moving; it follows the eyebrow, and lasts six hours; left eye still watery, worse in the open air; ending with itching; for ten minutes (sixth day),[1].—When attempting to read, her eyes fill with tears (fourth day),[1].—***Ball.*** Eyeball and lids much injected (sixth day),[5].—***Vision.*** Dimness of vision, as if a white bandage were over the eyes; when she looks up, the sky seems gray (sixth day),[1].

Ear.—External. Pain around the right ear, as if pricked by needles, relieved by rubbing; it lasts a quarter of an hour (third day),[1].—Beating pain above the left ear (second day),[1].—***Middle.*** The left ear feels as if completely stopped up; hearing is lost on that side (sixth day),[2].—[50.] Lancinations in the ears (sixth day),[1].—Pricking in the ear and down along the jaw (third day),[1].—Great itching in the right ear, worse when stooping, lasting half an hour (second day),[1].—***Hearing.*** Hard of hearing (fourth day),[1].—Roaring in the left ear (third day),[2].—Roaring in the right ear, for almost two minutes, at 5 o'clock (seventh day),[4].

Nose.—Objective. Nose swollen on the left side, with pain, which is less in the open air, and worse by contact (third day),[2].—Violent coryza, with inflammation and itching of the nose (third day),[2].—Epistaxis from the right nostril; the blood is black and clotted, with itching; the epistaxis continued until 1 o'clock, when it became profuse; the blood, however, being light red (fifth day),[2].—***Subjective.*** Heat in the nose, and sensation as from a current of cold air in the left nasal fossa (third day),[1].—[60.] Burning in the corner of the left nostril, with pricking at the tip of the nose, for fifteen minutes (sixth day),[1].—Great itching in the right nostril (third day),[1].

Face.—A streak of pain from the temple to the chin, as if the face were cut with a razor (sixth day),[2].—***Cheeks.*** Pain in the left cheek-bone, with redness (third day),[1].—Pain in the right cheek, which passes off by pressing on the malar bone (third day),[2].—Painful but short-lasting sensation in the right zygoma (third day),[5].—Pricking on the cheeks (fourth day),[1].—***Chin.*** Pain in the left lower jaw, extending towards the shoulder; for five minutes (eighth day),[1].—Pain as from a cut by a penknife on the top of the jaw; short-lasting (sixth day),[2].—Lancination in the left jaw-bone (twenty-first day),[5].—[70.] Pain and beating in the left jaw, for ten minutes (eighth day),[1].

Mouth.—Teeth. Pain in the teeth of the left lower jaw, felt also in the ear, and causing deafness for three minutes (seventh day),[1].—Pains in the jaw-bones, as if all the teeth were affected (twentieth day),[5].—Sharp pain in the right lower jaw-bone, in which all the teeth are quite sound (second day),[5].—Toothache on the right side; at 1 o'clock (sixth day),[1].—Toothache; the teeth are soft and on edge, all day; every day since taking; not at night (seventh day),[1].—***Gums.*** Acute pain in the lower gums

lasting an hour (second day),[1].—***Tongue.*** Burning at the tip of the tongue as if from spice, with an expansive feeling in the papillæ (third day),[2].—Itching on the tongue, like pricking, for five minutes (eighth day),[1].—***General Mouth.*** Great dryness of the mouth and throat (sixteenth day),[5].—[80.] Heat in the left side of the mouth, as from eating spice (third day),[1].

Throat.—Burning in the throat, with nausea, and noise in the ears when swallowing saliva (fourth day),[1].—Drawing pain deep in the throat; tongue thick, as if much swollen (first day),[2].—***Swallowing.*** When eating a cake, it sticks in the œsophagus, and then suddenly falls as if shaken down; the same occurs when drinking (third day),[2].—***External Throat.*** Pain from the left ear to the lower part of the neck, along the course of the carotid artery, worse when inclining the head to the right (sixth day),[2].—Pain like a cramp in the right side of the neck, extending to various parts of the shoulder and arm; relieved by pressure (third day),[2].—Violent drawing pain from the shoulder to the ear, hindering the motion of the head for three minutes (seventh day),[1].—Feeling as if a string were pulled from the shoulder to the ear (seventh day),[1].—Lancination from the ear to the shoulder (fourth day),[2].

Stomach.—***Appetite.*** Hunger after dinner (second day),[1].—[90.] Longing for chocolate, salad, green fruit (third day),[1].—Longing for fruit, with loathing of all food (fourth day),[2].—Longing for water cresses, but on seeing them it is replaced by aversion (third day),[2].—No appetite (twenty-second and twenty-third days),[5].—Complete loss of appetite; loathing of meat (twenty-first day),[5].—Loathing of food, especially meat (twentieth day),[5].—Aversion to meat (sixth day),[2].—Aversion to milk (first day),[3].—***Thirst.*** Thirst (first day),[3].—Thirst; dry mouth (sixth day),[1].—[100.] Great desire for vinegar (third day),[1].—Longing for tea (sixth day),[1].—Intense longing for coffee (first day),[3].—***Eructation.*** Eructations (twentieth and twenty-fourth days),[5].—Eructations of air, without acidity, in the evening (seventeenth, eighteenth, and nineteenth days),[5].—Foul eructations all day (seventh day),[4].—Sour eructations (fourth day),[4].—***Nausea.*** Nausea all night (fourth day),[1].—Nausea after dinner, when holding the head down (sixth day),[1].—Nausea, which keeps getting worse, and reaches its height in half an hour; it goes off on stirring about (third day),[2].—[110.] Great nausea, for half an hour (seventh day),[2].—Qualmishness before eating (fourth day),[3].—Qualmishness followed by nausea before eating (third day),[3].—***Stomach.*** Difficult digestion; weight on the stomach (sixth day),[1].—Weak feeling in the stomach, and tendency to collapse (third day),[2].—Faint feeling in the stomach, from 4 to 7 P.M. (fifth day),[4].—Pain at the pit of the stomach after eating, worse from contact, when walking (third day),[1].—Pain at the pit of the stomach, which is felt in the left breast, and jumps about; pricking in both these places at once (eighth day),[1].—Distressing pain at the pit of the stomach, with nausea; at 11 o'clock (fourth day),[4].—Burning in the stomach, with feeling of dryness and irritation (first day),[3].—[120.] Coldness in the gastric region, which spreads all over the chest as far as the throat (third day),[2].—Compression, as by a girdle around the waist, apparently caused by a contraction of the diaphragm; it was especially felt at the epigastrium (third day),[2].—Dull pain at the stomach, followed by great desire to vomit (second day),[1].—Stomachache; nausea before eating (first day),[3].—Acute pain in the pit of the stomach after eating (second day),[2].—Sensation as if a knife were cutting into the epigastrium (fourth day),[2].—Pain in the cardia as if

cut with a penknife; short-lasting (sixth day),[1].—Pain in the pit of the stomach, as if the body were cut in two by a bar; it lasts half an hour (third day),[2].—Beating at the pit of the stomach, with pricking, worse when drawing breath; short-lasting (sixth day),[2].—Palpitation at the epigastrium (fourth day),[1].

Abdomen.—[130.] Pricking, as from pins, in the left hypochondrium (third day),[1].—Colic in the umbilical region (fourth day),[1].—Nightly pain in the whole abdominal region (seventh day),[4].—Dull pain in the abdomen, chiefly on the right side, not aggravated by pressure (first day); at 4 o'clock (second day),[3].—Stitch in the left side of the abdomen; at 2 o'clock (fifth day),[4].—Colic caused by damp air (third day),[2].—Severe colic, better when sitting, with emission of flatulence; at 8 P.M. (fourth day),[4].—Great sensitiveness of the abdomen, as from an internal wound; at 7 A.M. (fifth day),[4].—Worm-colic in the hypogastrium for five minutes, with ineffectual urging to stool, and tenesmus (third day),[2].

Stool.—Diarrhœa (fourth day),[4].

Urinary Organs.—[140.] Heaviness and pressure on the bladder, when urinating (fourth day),[1].—Urine clear, white, and not very thick (seventh day),[1].—Dark urine (third day),[2].

Sexual Organs.—The blood which is discharged on the second day of menstruation is darker and coagulated (third day),[1].—The menses cease after twenty-four hours (fourth day),[1].

Respiratory Organs.—Cough and Expectoration. Nocturnal cough; light sleep (eighth day),[1].—Cough with hoarseness (eighth day),[1].—Dry cough, with loss of breath (fourth day),[2].—Dry short cough, which causes desire to spit, and after repeated efforts produces a salty saliva (eighth day),[1].—Thick, tenacious expectoration, with roaring in the ears (fourth day),[1].—[150.] Thick, salty sputa, raised with difficulty (sixth day),[1].—Slight hæmoptysis after the cough (fourth day),[1].—***Respiration.*** Short breathing (fifth day),[4].—Suffocative fit at night, while lying (seventh day),[4].—Suffocative oppression, after eating (third day)[1].

Chest.—Pain in the left lung, striking through the back, and worse when carrying anything heavy; for twelve hours (seventh day),[1].—Pain in the pectoralis major, commencing under the axilla, and in a few minutes extending to the cardiac region (third day),[2].—Contraction of the diaphragm, as on the day before (fourth day),[1].—Violent lancinations under the right third rib, for some minutes, every now and then (first day),[5].—Stitch in the right lung for five minutes (third day),[1].—***Sides.*** [160.] Pain in the left side, which takes away the breath (seventh day),[2].—Pain in the right side, as from a tight girdle, as if the diaphragm were contracted; it hinders breathing, and is aggravated by pressure (third day),[1].—Stitch in the left side, at 8 o'clock; it disappeared spontaneously (first day),[3].—Stitch in the left side; when drawing breath, the pain seems to penetrate the body like a knife-stab, and in a little while coalesces with the previous pain; three times (seventh day),[1].—***Mammæ.*** Sensation as from a cord around the right breast; painless (seventh day),[1].—Cutting as with a penknife below the left breast (fourth day),[1].—Lancination in the right breast, less when standing up (third day),[1].—Pain with palpitation of the muscles under the right breast, which diminishes as it extends to the axilla (third day),[2].—Itching of the nipples; congestion of the mammary glands; hardness of the breasts; the itching does not last long (eighth day),[1].

Heart.—Præcordium. Constrictive pain at the heart, extending to the left axilla (seventh day),[2].—[170.] Severe piercing pains in the re-

gion of the heart, with lancinations under the false ribs (second day),[5].—Sensation as if a knife were slowly piercing the heart; relieved by pressing hard upon the part for a few minutes; renewed in the evening (third day),[1].—***Heart's Action.*** Spasmodic tremor of the heart (third day),[1].—Palpitation of the heart (second and twenty-third days),[5]; at 3 o'clock (seventh day),[4].—Palpitation of the heart, felt in the side, with a severe pain which takes away the breath; worse when stooping, relieved by lying down (third day),[1].—Transient palpitations (twentieth day),[5].—Violent palpitation of the heart (seventeenth, eighteenth, and nineteenth days),[5].

Neck and Back.—Neck. Pain in the right side of the nape of the neck, relieved by moving the neck and rubbing it (third day),[1].—Severe and repeated pains in the muscles of the neck and of the left shoulder-blade (thirteenth and sixteenth days); in morning (fifteenth day),[5].—***Back.*** Crampy pain behind the neck for five minutes (sixth day),[2].—[180.] Pain in the back as from a nail, extending to the interscapular region (seventh day),[2].—Sensation as from a violent blow across the middle of the back (fourth day),[2].—Throbbing in the back, which seems to proceed from the aorta (first day),[3].—***Dorsal.*** Pains for five minutes from the shoulder to the middle of the back, with lancinations which take away the breath (sixth day),[1].—Rheumatic pain in the right shoulder-blade, lasting only a few minutes (third day),[2].—Pain in the shoulder-blade, as if a needle were piercing the bone; for three minutes (eighth day),[1].—Lancination in the right shoulder-blade (sixth day),[5].—Lancination, as from a knife, in the spine of the scapula, shifting to the other shoulder; less when standing erect (third day),[1].

Extremities in General.—The limbs feel bruised (third day),[2].

Superior Extremities.—Left arm very numb; pain in left shoulder as if struck with a hammer (second day),[2].—[190.] Pain in the left arm, she can scarcely lift it; short-lasting (third day),[3].—Severe pain in the left arm before rising; she cannot stretch it; the more she covers it the greater is the pain; at last she uncovers it, and the pain ceases at once (first day),[1].—Paralytic pain in the left arm, when held still for some time (third day),[4].—Pain in the right arm, as if struck by a hammer, with numbness (third day),[2].—***Shoulder.*** Pain in the shoulder, which extends around the neck, compresses it like a snake, and pricks her in the pit of the stomach and nape of the neck (fifth day),[2].—Feeling at 2 o'clock as if a small hammer were beating quickly on the right shoulder, for nearly a minute (fifth day),[4].—Acute pain under the left axilla (third day),[2].—Acute pain in a crescentic space under the axilla (third day),[1].—Pain as from a cut with a penknife under the left axilla, at 6 o'clock (second day),[4].—Lancinations under the axilla (fourth day),[1].—[200.] Pricking under the axilla (third day),[1].—***Arm.*** Lancinations from the elbow to the shoulder-blade (fourth day),[1].—Pain as if from a cut with a penknife, with itching over the right biceps (eighth day),[1].—***Hand.*** Crampy pain in the left hand (fifth day),[2].—Crampy pain in the right hand, which prevents closing it; followed by horripilation all over (second day),[2].—Intense lancinating pains in the muscles and phalangeal articulations of the right hand; two hours later, similar sensations in the right shoulder-blade, with pains in the right wrist; all these pains are short-lasting but well-marked (fourth day),[5].—***Fingers.*** Pain in the bone of the left thumb, with trembling when attempting to use it (fourth day),[1].—Pain, while running, in the middle finger, which remained stretched for four minutes (eighth day),[1].—Rheumatic pain and stiffness of the left index finger, which remains stretched

for some minutes (third day),[2].—Crampy pain at the right ring finger, extending to the elbow and contracting the flexor communis digitorum, with redness at the root of the nail; it lasts twenty minutes, and passes off in the open air (sixth day),[1].—[210.] Pricking in the tip of the middle finger, drawing it up so that it cannot be stretched out (seventh day),[2].

Inferior Extremities.—Great weariness in the legs for three hours (fourth day),[3].—***Hip.*** Pain in the left hip, extending to the knee, with weakness of the leg, which abates when sitting down (eighth day),[1].—Bruised pain in the right hip, relieved by pressure (third day),[2].—***Thigh.*** Pain in the gluteus maximus, for one hour at 6.30 o'clock (sixth day),[4].—Pain below the loins in the left gluteus maximus, as if contracted and twisted; at two o'clock (second day),[4].—Pulling along the course of the left sartorius muscle (second day),[1].—***Knee.*** Contraction of the legs, which cannot be bent on account of the stiffness of the bend of the knee (third day),[2].—Pain in the bend of the knee, as if a tendon were drawn slowly inwards (third day),[2].—Pricking pain in the knee, relieved by walking (fourth day),[1].—***Leg.*** [220.] Severe pain in the anterior portion of the right tibia (first day),[5].—***Toes.*** Sensation as if the left great toe were struck by a hammer (fourth day),[2].

General Symptoms.—Great weariness (third day),[2].—General physical and moral prostration, loss of appetite, and aversion to food (fourth day),[4].—The open air feels very cool (first day),[3].—Almost constant physical and mental torpor (first day),[3].—Heaviness of the body (second day),[5].—Inclination to walk about (first day),[3].—Pain in the trunk from above downwards, at 10 A.M. (second day),[4].—Violent pains in the muscles of the neck, thigh, and left leg, very transient, but recurring frequently in the course of the day (seventeenth, eighteenth, and nineteenth days),[5].—[230.] Transient lancinations in the abdomen, sides, and breasts (fourth day),[1].—Pain as if scratched by a cat, lasting an hour, and followed by heat of the feet (second day),[1].

Skin.—Pricking of the skin, followed by itching (third day),[1].—Pricking at the temple, with itching, which becomes general and lasts all day (eighth day),[1].—Pricking in the left side of the face (first day),[3].—Prickings between the breasts (third day),[1].—Pricking at the shoulder-blade, extending to the right side of the neck (third day),[1].—Formication above the left shoulder (fourth day),[1].—Itching of the whole under surface of the chin, from ear to ear; it proceeds from the throat (eighth day),[1].—Great itching in the right corner of the lips, at 7 A.M. (third day),[2].—[240.] Great itching on the backs of the hands (third day),[2].

Sleep and Dreams.—Sleepiness. Constant inclination to yawn (fourth day),[4].—Frequent yawning (first day),[3]; (third day),[2].—Sleepiness from noon till 3 P.M. (third day),[2].—Drowsy all day (second day),[5].—Heavy and drowsy, unable to keep her attention on her work; at 3 P.M. could apply herself without difficulty (fifteenth day),[5].—Great drowsiness, with horripilation in the legs, as before an attack of fever; very transient (first day),[3].—Comatose drowsiness, with inability to sleep (first day),[3].—Sleeps all the time (third day),[5].—Deep sleep (sixth day),[2].—[250.] Heavy sleep, with great numbness on waking; feeling as if bruised all over (first day),[2].—***Sleeplessness.*** Sleeplessness at night; general lassitude, as on the third night (sixth day),[1].—No sleep at night; general restlessness followed by pricking all over, all night (second day); same restlessness as on the day before, followed by similar sleepiness (third day),[3].—Very restless all night, without apparent cause; no sleep (fifth day),[5].—No sleep until midnight

(third day),[2].—Slept well until midnight; no sleep after that until daylight; pains in the body when she stirred (first day),[1].—Very bad night; great nervous restlessness (second day),[5].—Short sleep (fourth day),[1].—***Dreams.*** Sad dreams, with great fear on waking; the sadness and fear continue for a quarter of an hour (eighth day),[1].—Dreams at night about the dead (third day),[4].—[**260.**] At night, dreams of talking with dead people; great restlessness (second day),[1].

Fever.—Chilliness. General chilliness, as in the beginning of a fever (seventh day),[2].—Coldness, as when in convulsions (second day),[1].—When the air strikes her, it causes rigors and cold sweat (third day),[2].—Rigor, with paleness and circles around the eyes; this febrile attack abates by covering herself, and getting into a profuse perspiration; it is succeeded by malaise (seventh day),[1].—***Heat.*** Heat after the coldness, especially in the loins (seventh day),[2].—General heat, with dull pain; left side most painful (first day),[1].—Great internal heat and restlessness after lying down; she has to get up again (first day),[3].—Heat in the head, without sweat, at 6 o'clock (fourth day),[4].—Heat in the head, with cold sweat and a little fever, at 2 o'clock (fourth day),[4].—[**270.**] Heat in the left side of the face, at 11 A.M. (second day),[1].—Great heat in the back, of short duration, followed by rigors (first and fourth days),[3].—Very hot face, in the evening (second day),[1].

Conditions.—**Aggravation.**—(*Evening*), Vertigo, etc.; pricking in eyes.—(*Night*), While lying, suffocative fit.—(*After dinner*), When holding the head down, nausea.—(*Pressure*), Pain in side.—(*Stooping*), Itching in ear; palpitation of heart.

Amelioration.—(*Night*), Headache.—(*Lying down*), Palpitation of heart.—(*Pressure*), Pain in hip.—(*Sitting*), Colic.—(*Standing erect*), Lancinations in scapula.—(*Walking*), Pains in knee.

LEPTANDRA.

Veronica Virginica, Linn. (Leptandra Virginica, Nutt.).

Natural order, Scrophulariaceæ.

Common name, Culver's Physic.

Preparation, Tincture or trituration of the root.

Authorities. **1**, Dr. Burt, provings with "Leptandrin," doses 1 to 40 grains, Hale's New Remedies, 2d ed.; **2**, same, the day after last symptom and four days after last dose of previous proving, began with fluid extract, and took repeated doses of 20 to 160 drops, ibid.; **3**, proving of a student in Hahn. Med. Coll., repeated doses of Leptandrin first dec. trit. for two weeks, ibid.

Mind.—Feeling very gloomy (after third dose, first day),[1].—Very gloomy and irritable all day (second day),[2].

Head.—Vertigo. Very dizzy while walking (third day),[2].—***General Head.*** Headache,[3].—Slight headache (four hours after first dose, first day, and three hours after first dose, second day),[2].—Severe headache, with frequent pains in the bowels, all day (fifth day),[2].—Constant dull headache, very much worse in the regions of causality (after second dose, second day),[1].—Dull, slight headache, with slight distress in the umbilicus (three hours after first dose, second day),[1].—***Forehead.*** Frontal headache (three hours after second dose, third day),[1].—[**10.**] Slight frontal headache (four hours after first dose, third day, and after fourth dose, second day),[1]; (after third dose, second day),[2].—Slight frontal headache, with

neuralgic pain in the right temple (after fourth dose, second day),[2].—Slight frontal headache, with sharp pains in the temples (three and eight hours after second dose, fourth day),[1].—Slight frontal headache, with a dull, aching sensation in the umbilicus (after second dose, first day),[1].—Slept middling well, awoke several times, and found that I had a severe frontal headache (first night),[1].—Very severe frontal headache; walking makes it almost intolerable, at 8 A.M., and subsequently (third day),[2].—Great frontal headache (third day),[2].—Dull, frontal headache (one hour after first dose, first day),[2].—Dull, frontal headache, with a sensation as if the hair were pulled at (after second dose, first day),[2].—Dull, frontal headache, which is very deep in the cerebrum (after third dose, third day),[1].—[20.] Constant, dull, frontal headache, worse in the temples (two hours after first dose, first day),[1].—Constant, dull, frontal headache, very severe, deep in the region of causality (after third dose, first day),[1].

Eye.—Eyes ache and smart severely (after fourth dose, second day),[1].—Eyes sore and smart severely (after second dose, second day),[1].—Eyes smarting constantly, with dull pains in the eyeballs (after fourth dose, second day),[2].—Eyes smart a good deal (after third dose, second day),[2]; (three hours after second dose, third day),[1].—Eyes smart very much (four hours after first dose, and after third dose, third day),[1].—Eyes smart and ache very much (after third dose, first day),[1].—Eyelids agglutinated (fourth morning),[1].—Profuse secretion of tears (one hour after first dose, first day),[2].

Mouth.—Tongue. [30.] Tongue coated yellow (second morning),[2].—Tongue coated yellow along the centre (third day, fourth and fifth mornings),[1]; (fourth morning,)[2].—***Taste.*** Flat taste in the mouth (fifth morning),[1]; (second morning),[2].—Unpleasant, flat taste in the mouth (fourth morning),[1].

Stomach.—Appetite. Great appetite (fourth day),[2]; (seventh day),[1].—Awoke at 5 A.M. feeling very hungry, with great pain in the epigastric region, and continued until I had taken breakfast (sixth day),[1].—***Eructation.*** Food rises very sour, at 10 A.M. (fifth day),[1].—***Nausea.*** Sick at the stomach, with deathly faintness, immediately after rising in the night (first night),[2].—***Stomach.*** Good deal of distress in the stomach and bowels, with a burning sensation (after second dose, first day),[2].—Constant distress in the lower part of the epigastric region and umbilicus; by spells there are sharp, cutting pains in the same parts (two hours after first dose, first day),[1].—[40.] Dull, aching distress in the stomach and umbilical region (one hour after first dose, first day),[2].—Burning distress in the whole epigastric and hypochondriac regions (after third dose, third day),[1].—Constant aching distress in the epigastric and umbilical regions, with sharp, cutting pains, by spells (after fourth dose, second day),[1].—Constant, burning, aching distress in the region of the stomach and liver (three hours after second dose, third day),[1].—Frequent pains in the epigastric region all day (sixth day),[1].—Very severe pains in the stomach and small intestines, with great distress and desire for stool (after fourth dose, second day),[1].—Very severe aching distress came on in the epigastric region, immediately after getting up; the distress in the stomach is constantly getting worse, I cannot sit or stand still, it is so severe, at 10 A.M.; the painful distress in the stomach has been unendurable all the forenoon, it is a hard, aching, burning sensation, and appears to be in the stomach; the painful distress has not been so hard, at 9 P.M. (fifth day),[1].—Constant, dull, aching pain in cardiac portion of the stomach (after third dose, second day),[2].

Abdomen.—Hypochondria. Dull pain in the lower part of the

right hypochondriac region (third morning),[1].—Frequent, dull, aching pain in the lower part of the right hypochondriac region, near the gall-bladder, with dull, aching distress in the umbilical region, and rumbling in the bowels (four hours after first dose); dull, aching distress in the whole of the liver, that extends to the spine; the most distress in the region of the gall-bladder; great distress in the whole of the bowels, with sharp, cutting pains, rumbling, and desire for stool (after second dose, third day),[1].—[50.] Sharp, cutting pains near the gall-bladder (four hours after first dose, first day),[2].—***Umbilical.*** Slight distress in the umbilicus, with dull, slight headache (three hours after first dose, second day),[1].—Great distress in the umbilicus (after third dose, second day),[2].—Constant aching distress in the umbilical region (after second dose, second day),[1].—Constant, aching distress in the umbilicus, with sharp pain by spells (four hours after first dose, and after third dose, first day),[2].—Dull, aching sensation in the umbilicus, with slight frontal headache (after second dose, first day),[1].—Dull, aching distress in the umbilical and hypogastric regions (five hours after first dose, fourth day, and three hours after second dose, third day),[1].—Dull, aching distress in the umbilical region, with very sharp pains by spells (after second dose, second day),[1].—Dull, aching distress in the umbilicus (five hours after second dose); there has been a great deal of distress in the umbilicus, with a great burning distress in the back part of the liver and spine (six hours after second dose, first day),[2].—Constant, dull, aching distress in the umbilicus; at times there are very sharp pains in the same region (after third dose, first day),[1].—[60.] Constant, dull, aching distress in the umbilical and hypogastric regions, with very sharp pains every few minutes; makes me feel very weak and faint (after third dose, third day),[1].—Frequent pains in the umbilical region (sixth day),[2].—During the night have had frequent pains in the umbilicus, with much rumbling all day (fourth day),[2].—Severe pains in the umbilical region, all the afternoon (fifth day),[1].—Frequent severe pains in the umbilical and hypogastric regions, being up all night with a very sick patient (second night),[2].—For the last two hours have been in awful pain and distress in the umbilical and hypogastric regions; drinking cold water aggravates the pain and distress very much; dull, aching, burning distress in the region of gall-bladder, with frequent chilliness along the spine; great distress in the hypogastric region, with *great desire* for stool (eight hours after first dose). A very profuse black stool, about the consistence of cream, with undigested potatoes in it, gave relief, but was followed by great distress in the region of the liver, extending to the spine; it is of a hot and aching character, with chilliness along the spine; for the last five hours there has been constant distress, with pains in the whole of the abdomen, but for the last half hour the pains in the umbilicus and hypogastric regions have *been awful* to endure, with rumbling and great desire for stool; a very profuse, black, fetid stool, that ran a stream from my bowels, and could not be retained a moment; this gave great relief, but did not stop the pain altogether (eight hours after second dose, fourth day),[1].—***General Abdomen.*** Great distress in the small intestines, and desire for stool; stool soft, very fetid, and black (three hours after first dose, first day),[2].—Had a restless night, after midnight; the pains and distress in the bowels prevented me from sleeping (second night),[1].—Frequent pains in the bowels all day, with severe headache (fifth day),[2].—Frequent pain in the bowels, with heat and dryness of the skin (fourth morning),[1].—[70.] Dull, aching distress in the bowels (fourth day),[2].—***Hypogastrium and Iliac Regions.*** Great rum-

bling and distress in the hypogastric region, with a profuse, black, very fetid, soft, papescent stool, with slight pain in the bowels afterwards (fourth morning),[1].—Constant, dull, and aching pain in the right inguinal region, which passes down to the right testicle; it is very hard to endure the pain in the testicles (after third dose, third day),[1].

Stool.—Diarrhœa of clay-colored evacuations,[3].—Great distress in the stomach and all the small intestines, with great desire for stool that could not be retained one moment; ran a stream from my bowels, very fetid, with large quantities of mucus in it, followed by severe pain in the hypogastric region, at 8 A.M.; the great distress in the stomach and small intestines continues, with frequent pains in the umbilicus that make me feel very faint and weak; great rumbling in the bowels; stool that could not be retained, consisting of water and large quantities of mucus and a little yellow matter, followed by very hard pains in the umbilicus, at 10 A.M. (after the dose); constant, dull, burning, aching distress in the whole of the bowels, with frequent pain and rumbling, and great desire for stool; stool of water and mucus, followed by very hard pain in the hypogastric and umbilical regions; another very profuse, thin stool, with large quantities of mucus, two hours later; after sleeping two hours awoke at 5 P.M. with great distress in the whole of the bowels, and great desire for stool; profuse watery stool, mixed with mucus, that could not be retained; another stool of water and mucus, with part natural fæces, very fetid; another stool, with large quantities of mucus in it, followed by sharp, cutting pains and great distress in the umbilical region, feeling very weak and faint; an hour later, at 6 P.M., another profuse stool that could not be retained, followed by severe pains in the bowels, three hours later (third day),[2].—Stool, which ran a stream from my bowels, followed by *very severe* cutting pains in the intestines, at 3 A.M. (second night),[2].—***Very profuse, black, fetid stool, that ran a stream from my bowels** (during abdominal pains; eight hours after second dose, fourth day),[1].—**Very profuse,* **black stool,** *about the consistence of cream,* with undigested potatoes in it (during pain in bowels; eight hours after second dose, fourth day),[1].—Soft, yellow, papescent stool, preceded by pain in the umbilical region (sixth day),[2].—Soft, mushy stool (six hours after second dose, first day),[2].—[80.] Stool soft and mushy, followed by a very weak feeling in the bowels and rectum (after second dose, third day),[1].—Stool soft, very fetid, and mushy (after fourth dose, second day),[2].—Stool, first part natural, second part soft and mushy (seventh day),[1].—*Stool, first hard, *black, and lumpy,* afterwards soft and mushy (after first dose, third day),[1].—No stool (second and fifth days),[1]; (fourth and fifth days),[2].

Urinary Organs.—Urine acid (before the provings); slightly acid (second day); rather scanty and does not affect blue litmus-paper (third day); very red, does not affect blue litmus-paper (fourth day); neutral (fifth day),[1].

Back.—Very constant distress, with very sharp pains by spells in the lumbar region (three hours after second dose, fourth day),[1].—Dull aching in the lumbar region (after third dose, third day),[1].

Superior Extremities.—Both wrists are very lame and ache quite severely in the morning; the left one aches the most; the pain lasting till noon (fifth day),[1].

General Symptoms.—Feeling very languid (third day, fourth and fifth mornings),[1].—[90.] Quite weary and languid, can hardly walk (third day),[2].—Feeling very tired,[1].

Skin.—A severe attack of *jaundice*, accompanied with diarrhœa of clay-colored evacuations, headache, and the symptoms usually seen in such cases,[3].

Sleep.—Sleepiness. Slept well (fifth and sixth nights),[2].—Slept well; arose once in the night (first night),[2].—Slept soundly (third night),[2]; (fourth and fifth nights),[1].—***Sleeplessness.*** Had a restless night after midnight (third night),[1].—Lost my sleep last night, and am feeling very bad to-day (fifth day),[2].

Fever.—Skin was hot and dry, with frequent pain in the bowels (fourth morning),[1].

Conditions.—**Aggravation.**—(*Morning*), Lameness, etc., of wrists. —(*Walking*), Dizziness; frontal headache.

LILIUM TIGRINUM.

Lilium tigrinum, H. K.

Natural order, Liliaceæ.

Common name, Tiger Lily.

Preparation, Tincture of the flowers only (provings Nos. **2** and **3**), or tinct. of stalks, leaves, and flowers, gathered in August (subsequent provings).

Authorities. **1**, Dr. R. T. Warren, a little girl put *an anther* of a lily into her right nostril, after four hours paregoric and brandy were administered, *death after fifty-nine hours;* Bost. Med. and Surg. Journ., 1862, vol. 67, p. 279; **2**, Dr. S. P. Graves took at two different times 5 drops of 3d dec. dil. (*from Dr. William E. Payne's* collection of provings, Trans. Am. Inst. of Hom., 1867, and 1870, p. 94); **3**, Dr. J. W. Savage (*Note:* subject to nervous headaches but otherwise healthy) took 30 drops of tinct. at 3.30, 7.30, and 9.30 P.M. (first day), at 11.30 and 11.45 A.M. (second day), at 7.30 P.M. (fourth day), *from Dr. Payne;* **4**, F. G. Barker, aged 30, took 6 drops of tinct. at 8 P.M. (fourth day), 8 drops twice P.M. (second day), same at 5.40 A.M. (fourth day), 12 drops at 6.30 A.M. (fifth day), *from Dr. Payne;* **5**, Miss Y., aged 42 (*Note:* had not menstruated for two years past, but had enjoyed uninterrupted good health), took 5 drops of tinct. at 8.30 A.M. (first, second, and third days), 10 drops daily (fourth to thirteenth days), 25 drops (fourteenth day), 30 drops (eighteenth day), same (twenty-fourth day), *from Dr. Payne;* **5** *a*, same prover took 1st dec. dil., 15 drops (first day), same twice (second day), 20 drops twice (third day), 5 drops (fifth to sixth days), 30 drops (tenth, eleventh, twelfth, and thirteenth days), *from Dr. Payne;* **6**, Miss F., aged 55, took 300th dil. (first, eighth, eleventh, and fifteenth days), 5th cent. dil. (twenty-first, twenty-third, twenty-fifth, and twenty-ninth days), *from Dr. Payne*; (*Nos. 7 to 12 fide Dr. C. Dunham*); **7**, Miss N. W., took 3 drops 3d dil. twice daily (first to fourth days), 30th dil. (seventh to tenth days), from Dr. Payne's collection; **8**, Miss S. A. F., took ¼ ounce (no symptoms for two weeks, *from Dr. Payne*); **9**, Mrs. C. L. B., took 3d dil. two doses daily for six days, *from Dr. Payne;* **10**, Mrs. B., took 5 drops (?) daily for five days then after a month took one dose of 12 drops, *from Dr. Payne;* **11**, Mrs. J. F., took 3d dil., 5 drops twice (first day), 8 drops twice (second day), 16 drops three times (third day), 12 drops (fourteenth day), *from Dr. Payne;* **12**, Mrs. L. B. C., took 3d dil., 5 drops night and morning for a week, then doubled the dose for a week, *from Dr. Payne;* **13**, Dr. Samuel Lilienthal,

took nearly an ounce of tinct. in a few days, and ½ ounce, fifth day; *from Dr. Payne;* **14**, Dr. L. M. Kenyon, effects on Mrs. ——, aged 48 (*Note:* Menstruation irregular for a year; has had for many years unpleasant pressure, fulness and palpitation of heart, much increased during the past year; symptoms now, dull pressing pain in region of heart nearly constant, increased by eating even lightly, frequent palpitation, constant apprehension of serious trouble; no valvular disease, impulse of heart over a larger space than normal, contractions seemed at times incomplete), took 30th dil., three doses a day, for four days; **15**, Mrs. M., aged 28, took 1st dec. dil., every two hours (first day), every six hours (second and third day), 6 drops (fifth day), 10 drops (sixth day); *from Dr. Payne;* **16**, MS. proving of Dr. George C. McDermott, on Miss U. (doses not given).

Mind.—Emotional. The most marked effect was exhibited by the mental and reproductive organs,[16].—Excitement, weeping, feeling as if she were two persons, at night (sixty-fifth day),[7].—A sense as if "she were going to be crazy, if she did not hang on to herself, and hold tight,"[10].—Slight delirium and startings (third day),[1].—*Aversion to being alone, and yet no dread felt;* tranquil, but liked to see others and hear them talk (twenty-third day),[7].—Taciturn and reticent, during the day (third day),[13].—Depression (forty-second day),[7].—Depression of spirits, disposition to weep (tenth and twelfth days),[5a].—***Depression of spirits**; *constant inclination to weep, with fearfulness, and apprehension of suffering from some terrible internal disease, already seated* (very marked symptom observed by two provers), (after forty-three days),[5].—[**10.**] **Profound mental depression;* to the prover "the heavens seemed brass and the earth iron;" an apprehension of moral obliquity weighed grievously upon her, for about ten days after the sexual excitement, and continuing in alternation with the sexual excitement for more than four months after the proving,[16].—Depressed (forty-second day),[7].—Despondency, with aggravation at night and diarrhœa in the morning, and great feeling of slowness and inability to get at her work (sixty-fifth day),[7].—Low-spirited (sixth day),[5a].—Low-spirited, and not relieved by work (eighth day),[13].—Low-spirited; can hardly keep from crying frequently, which is the opposite of her natural disposition,[14].—Worse on going to bed; can't go to sleep; wild feeling in the head as though I should go crazy and no one would take care of me; thoughts of suicide; how much Opium would put me to sleep forever, and who would find my body, and who would care; a new train of thought for her (eighth night),[7].—A good deal of mental anxiety throughout the proving; despondent; gloomy; difficulty in expressing her thoughts; of recollecting; of selecting words; and expressed to her sister great fear of insanity,[6].—Constantly troubled in mind (thirty-first night),[6].—Apprehension of some calamity or serious disease very much increased,[14].—[**20.**] Awoke in the morning, irritable (fourteenth day),[13].—Irritable, in the evning (first day),[13].—Irritable, depressed in body and mind, and unfit to work, in the evening (seventh day),[13].—Irritable, impatient (twenty-ninth day),[6].—She wants somebody to talk to her and entertain her (a feeling quite unusual with her); feels quite nervous; wants to cry from a feeling of irritation and of something wrong in the abdomen and pelvic organs; feels hurried and yet incapable, as if she had a great deal to do and cannot do it (twenty-second day),[7].—While attending a lecture, desire to hit the lecturer, and in the evening desirous of swearing and damning the fire and things generally, and to think and speak obscene things; disposed to strike and hit persons; as these feelings came, the uterine pains passed away (forty-third day),[7].—Cross, having no patience with anything or anybody

(thirty-third to forty-fourth day),[7].—Symptoms came down on her like a sudden cloud, when she was feeling quite well (thirty-sixth day); she lost vigor and snap, and could sit down and cry, or be impatient with herself and tear about, but feels hurried; could walk or run aimlessly for an indefinite time; with all this depression comes a desire for fine things of all kinds; she is dissatisfied with what she has and is envious of others (thirty-sixth day),[7].—Vexed feeling towards everybody; don't want to be spoken to (eleventh night),[6].—Do not want to be pleased; don't care to talk or read (sixth day),[7].—***Intellectual.*** [30.] ***Constant hurried feeling as of imperative duties and utter inability to perform them; during the sexual excitement,**[16].—Stupid feeling (fourth day),[9].—Perceptive and reflective faculties seem benumbed, whereas *at first* she was overactive and seemed to be two individuals (twenty-fifth day),[7].—Wits and intuitions dull and languid (thirty-second day),[7].—Obtuseness; cannot find the right word; forget what I want to say; in the afternoon (fifth day),[13].—Disinclination to work (seventh day),[13].—Disposition to muse and dream; is awake, yet seems asleep and afar off; not disposed to mental or bodily work (twenty-fifth day),[7].—Inability to apply the mind, depression, disposition to weep (third day),[11].—Inability to apply the mind to any subject steadily; could not think clearly, could not readily recall facts perfectly familiar (one hour after second dose, second day),[11].—Want to be let alone; don't want the trouble to answer questions (second day),[13].—[40.] Feel like sitting quietly in chair, without speaking or being spoken to, or compelled to think; I can see around me any number of things I *must* do, but cannot force myself to do anything,[12].—Great difficulty in keeping my mind fixed upon the subject of my lecture; could not think of the right words to express my ideas (twenty-fourth day),[13].—She came to me to state her symptoms, her mind being in such a state that she could not herself record them (twenty-second day),[7].—She cannot record her symptoms; don't want to complain, and yet don't avoid people (twenty-second day),[7].—Don't want to read (sixty-ninth day),[7].—She can't think; acts without thought; keeps *walking fast* as though by instinct; feels hurried, but don't know why; is forgetful; can't decide for herself, must depend on others (twenty-eighth day),[7].—Impossibility to get a clear idea, at 8 A.M. (seventh day),[13].—Everything seems unreal to me,[12].—During the whole day make mistakes in speaking, using wrong words (fifteenth day),[13].—She dreads saying anything to anybody, lest she should say something wrong, and yet she wants to talk (forty-second day),[7].

Head.—Confusion and Vertigo. [50.] Slightly confused feeling in head, with little pain; had been reading and writing (after one hour); confused feeling increased, after going to bed (first night),[4].—At times slightly confused, then almost crazed feeling in the head,[14].—Head so muddled that I feared to lecture, nevertheless the more I spoke the better I was able to concentrate my mind upon the subject of my lecture (seventh day),[13].—The head grows wild after she has been quiet for a short time (tenth day),[7].—Dizziness, continuing very severe for about two hours, and gradually subsiding (twenty-fourth day),[13].—Dizziness and faint feeling all over; blur before the eyes; fear of falling, aggravated in a close hot room, and ameliorated when the fresh air strikes the uncovered head and face, although the cool air produces a feeling of chilliness; better also when walking in the street; these symptoms continued very severe for about two hours, then gradually diminished (twenty-fourth day),[13].—Reeling and staggering when walking, with inclination to fall forward (first day),[13].—Feel as if intoxicated, staggering forward, the whole afternoon (fifth day),[13].—

General Head. Absence of feeling in the head (twenty-eighth day),[7].—Dulness in the head, in the afternoon (fifth day),[13].—[**60.**] Dulness of head, a kind of dizziness, more in the eyes, at 8 A.M. (seventh day),[13].—Heavy feeling in the head,[14]; (twenty-third day),[6].—Continued heavy feeling in the head (after nine hours and three-quarters, first night),[4].—Dull heavy feeling in my head, as though it would weigh too much,[12].—Pain in the head (eleventh night),[6].—Head very hot (thirty-first day),[6].—Severe hot pain through the whole head, continuing about two hours, then almost wholly relieved by frequent sneezing, which came on about 10 P.M.; the head suddenly became quite clear (twenty-sixth day),[6].—**Headache* (third day),[11].—Trifling headache every evening for three evenings (fourteenth day),[13].—Dull headache, early in the morning (twenty-first day),[6].—[**70.**] Dull headache, on waking (sixteenth day),[13].—Dull headache, beginning in the forehead, going all through the head, worse on the left side (second day); the same headache, mostly confined to the forehead (third day); same headache, stupid feeling (fourth day); same headache (fifth day),[9].—Dull headache; the pain moves continually from the sinciput to the occiput, left side, and concentrates in the left temple (fifteenth day),[13].—Head feels full, especially over the eyes (first day),[13].—Fulness in head and pressing from within outward, as though the contents would issue through every aperture (eyes, ears, etc.), (seventh and ninth days after 12 drops),[10].—Headache; heaviness, as if the head were too full of blood; congestion; blood would issue when blowing the nose; pains in the head all over; heaviness; wants to support the head with her hands; relieved only at sunset; worse when walking in open air; continuing for two days (after more than three months),[8].—A crowded feeling of the head and face,[3].—Rushing as of some fluid through the head, generally from right to left,[14].—Peculiar *pressing* headache (fourteenth day),[11].—Darting pains in different parts of the head (after a few hours, seventh day),[7].—[**80.**] (I am subject to sick headache, but had none while under the influence of the drug),[3].—

Forehead. Pain in the forehead above the eyes, severe for more than an hour, then gradually abating (after two hours, fourteenth day),[5].—Between 5 and 6 P.M. an intense blinding headache came on, confined to the forehead, lasting about two hours (after nine hours); then changed to the back of the head, and extended down the neck, leaving a strange muddled feeling about the head, with general weakness and desire to lie down (eleventh day),[6].—Heat and pain in forehead over eyebrows, extending to eyes (first to eighth night),[6].—Hot pain about the forehead and eyes, in the evening (thirtieth day),[6].—Severe hot pain in the forehead, with prostration, coming on between 6 and 8 P.M. (fourteenth day),[6].—Burning headache through the front part of the head (after six hours, fifteenth day); continuing into the night, but not so acute as after previous doses (fifteenth night),[6].—Wakened this morning unrefreshed, with fulness and heaviness in the forehead, especially the left side (fifteenth day),[13].—Outward pressure in the whole forehead (first day),[13].—Dull pain in forehead, continuing about two hours (after one hour, tenth day),[5a].—[**90.**] **Dull pain in the forehead over the eyes* (sixth day),[5a].—Dull pain through the forehead, in the morning and evening (twelfth day); headache, which had been moderate through the night (twelfth night), increased at about 5 o'clock in the morning, and continued till 9 o'clock, leaving a heavy dull feeling in the head (thirteenth day),[6].—Dull frontal headache all day (first day),[9].—Dull frontal headache, more on the left side, came on in the afternoon, increasing in the evening, with lachrymation in the left eye (ninth day); in the

evening (tenth day),[13].—Tight painful drawing through the forehead and eyes (twenty-sixth day),[6].—Pressing pain and heat in the forehead, lasting for several hours (after six hours, twenty-third day),[6].—Pressing pains at the angle between the forehead and left temple, digging down into the orbit, making me wink, an hour after rising in the morning; the pains spread over the whole left hemisphere of the brain (eighth day),[13].—Increase of headache, in the morning; it took a severe turn towards noon, passing from forehead and temples to the protuberances of the occiput; the pain is dull, pressive, and heavy, continuing the whole evening and through the night (fourteenth day),[13].—Sensation as if a rubber band were stretched tightly from temple to temple, with the old pricking sensation in the forehead, in the evening in a warm room (sixth day),[13].—[100.] Burning in the forehead, with burning-pressing pains, especially over left eye, in the evening (second day); the burning-pressing headache returns between 5 and 6 P.M., more in right side of forehead, increasing in strength as the evening passes on, though it does not reach its former severity (third day); old headache returned, with some lachrymation, in the evening in a warm room (sixth day),[13].—Headache becomes worse in the fresh air, at 8 A.M. (seventh day),[13].—Frontal burning-stinging headache, with the feeling of an elastic band stretched over it (seventh day),[13].—Sore pain through the forehead and eyes, a feeling as if the parts had been beaten (twenty-fourth day),[6].—***Temples.*** Pain in the temples increased by pressure (seventh and ninth days after 12 drops),[10].—Pressing sense of fulness in the temporal and frontal region of the brain, a bursting as it were, which was relieved by pressure,[10].—Pressing sense of fulness in the temporal and frontal region of the brain, a bursting as it were, which was relieved by pressure; my ears and the region surrounding them felt as though something must be pressed out from within,[12].—Dull pain in left temple, extending thence to the forehead, with vertigo, especially when walking, in the forenoon (fifth day),[13].—Dull pain in left temple, on rising in the morning, changing to right temple, and alternating between the two; headache worse towards evening (seventeenth day),[13].—Momentary twitches in left temple, during the day (sixteenth day),[13].—[110.] Shooting pain in the right temple, passing over to the left, affecting the whole front part of the head by a dull heavy sensation (after eleven hours, twenty-fifth day),[6].—***Vertex.*** Pressure and a crazy feeling upon the top of the head, so that she cannot write her symptoms (twentieth day),[7].—***Parietals.*** Dulness of the right side of the head, increasing to a sensation of pressure, inclining the head over to the left side,[2].—Grumbling pain in right side of head and teeth (twenty-second day),[7].—Old pain in left side of head, temple, and parietal bone, and malar bone, when sitting and not at work; relieved by motion and occupation; followed by diarrhœa and pressure on the bladder (sixty first day),[7].—Severe left-sided headache, continuing about two hours and gradually subsiding, in the afternoon (twenty-fourth day),[13].—Dull pressing-aching from the left temple over the ear to the occiput in paroxysms, with steady, dull, frontal headache, especially over the left eye (first day),[13].—Shooting in the right side of the head (forty-second day),[7].—***Occiput.*** Headache in occiput and over eyes (twenty-fifth day),[7].—Screwing pain in protuberance of left occiput, with drawing pain on left side of nucha; after going to bed the pain in neck increased to a burning sensation, as from applied electricity; the whole neck feels lame and tired (fifteenth day),[13].—***External Head.*** [120.] Some tenderness felt in left side of head, forehead, and temple; this is the place where the excessive heat of the sun produced congestion,

still I never suffered from it before in winter (it is now December 1st), (after one month),[13].

Eye.—Objective. My eyes look wild, and my husband fears I may become insane,[12].—Dull reddish injection of eyes (second morning),[1].—Outer canthus of right eye much inflamed, extending to inner canthus (seventy-fourth day); inner corner of right eye still feels raw; aggravated by fresh, especially damp cold air; sight not affected (after three months),[8].—***Subjective.*** Intense pain in both eyes, extending back into the head, worse during the night (after eleven hours, twenty-fifth day),[6].—Burning feeling in the eyes after reading or writing; eyes feel very weak (twenty-third day),[13].—Eyes feel as if full of tears the whole day (seventh day),[13].—Severe pressure in right eye, lasting two hours (second day),[9].—***Brow.*** Dull pain over the eyes, continuing for about two hours (after three hours, twelfth day),[5a].—Pain over the eyes,[14].—[**130.**] Sharp pain over the left eye, at 6 P.M. (three hours after second dose), abating after about an hour, but continuing all the evening; it disappeared after sleeping (third day),[5a].—Sharp though not severe pain over left eye, almost continuously through the forenoon; increasing after the dose (second day),[4].—***Lids.*** Eyes heavy and eyesight dim (fifteenth day),[13].—Lids agglutinated (seventy-fourth day),[8].—***Lachrymal Apparatus.*** Eyes full of water, in the afternoon (fifth day),[13].—Lachrymation of the left eye (ninth day),[13].—***Vision.*** Eyesight dim (fifteenth day),[13].—Vision was impaired, the dimness continuing for several months,[16].—Great dimness of sight (after eleven hours, twenty-fifth day),[6].—Blurred vision, cannot see objects distinctly (after forty-three days),[5].—[**140.**] Blur before the eyes, very severe for about two hours, then gradually subsiding, in the afternoon (twenty-fourth day),[13].—Blurred sight, *with heat in eyelids and eyes;* this was constant and very troublesome,[14].—Confusion and dimness of sight, with a disposition to cover the eyes and press upon them (fifth day),[15].—Prover's eyesight always weak; she is hypermetropic, uses convex fourteen glasses, now sight is much worse (fourth day); sight worse, eyes very painful, smarting, must close them often; light painful, darkness pleasant (fifth day); eyes very sore, sight dim, must cease the proving (sixth day); eyes no better (eleventh day); having suffered as above for four weeks, my eyes returned to their former condition, with one exception; whereas formerly for one year I had a habit of turning my head towards the left when reading, trying thereby to look with the left eye out of the right glass of the spectacles, and this in order to see the whole of a letter, like b, p, d, etc., of which otherwise I could see only the straight part, but not the curve, now I can see distinctly without turning the head and looking sidewise (after about ten weeks),[9].—Eyes very sensitive to gaslight, which causes intolerable burning pain (after seventy-four days); left eye subsequently affected in the same way,[8].—An appearance as of a veil before the eyes, at 8 A.M. (seventh day),[13].—Muscæ volitantes at various times,[8].

Ear.—Slight rushing sounds in both ears, after going to bed (first night),[4].

Nose.—Rubbed her nose violently,[1].—Some discharge of thin clear mucus (from nose), (after twenty-three hours),[1].—[**150.**] Profuse discharge of yellow mucus from the nose (soon),[1].—Right nostril nearly closed; membrane of both nostrils very pale (after twenty-three hours),[1].—Constant desire to pick the nose, and right nostril dry or closed up,[14].

Face.—Face, especially forehead, flushed and hot, and a pricking sensation in the skin of the forehead, in the afternoon (fifth day),[13].—Conges-

tion to the face, in the forenoon (fifth day),[13].—Left cheek of a bright-red color and hot to touch, in the morning when awakening (twelfth day),[5a].—Pain in right side of face, apparently in cheek (malar?) bone, with stoppage of right nostril, and a feeling in the head like that which proceeds from a severe cold (twenty-ninth day),[5].—Dull pain in the right side of the face (jaw), with a sensation of elongation of the teeth (thirty-first day),[6].

Mouth.—Grumbling in hollow teeth (thirty-first day),[6].—Coated feeling in mouth and throat on waking in the night (first day),[4].—[**160.**] Abundant saliva (twenty-third day),[6].—Bloody taste in the mouth, in the afternoon, continuing two hours, and gradually subsiding (twenty-fourth day),[13].

Stomach.—Appetite. Appetite tremendous, especially for *meat*, and the more so the more pronounced the symptoms were (thirty-second day); desire for meat returns (forty-second day),[7].—Great hunger, as it were, in the *back*, and extending up to the occiput and over the vertex; she ate enormously, yet felt as though she should starve to death (sixty-first day),[7].—Craving appetite for dinner, and also for supper (sixth day),[15].—Increased *desire for meat*, and has eaten a great deal (twenty-fifth day),[7].—Appetite failed (second day after 12 drops),[10].—Appetite very little, and soon satisfied (twenty-fifth day),[6].—Loss of appetite,[14]; (fifth day),[5a]; (after forty-three days),[5].—Entire loss of appetite,[16]—[**170.**] No appetite (tenth day),[5a]; (twenty-fourth day),[13].—No desire for food; special dislike for bread continues (twelfth day),[5a].—She ate as much as usual, but felt no appetite (seventh day),[7].—Disrelish for food, particularly bread, and repugnance to coffee (eleventh day),[5a].—Aversion to bread and coffee (fifth and sixth days),[5a].—The usual cigar is nauseous, and produces waterbrash (first day),[13].—***Thirst.*** Thirst (forty-second day),[7].—Much thirst; drinking often, and much (twenty-second day),[7].—"Thirsty spells" always precede a dull, stupid, and despondent spell, and such always precedes the severe symptoms, during the proving,[7].—Aversion to coffee; nausea when thinking of it, though used as a constant and favorite drink in the morning (after forty-three days),[5].—[**180.**] A great dislike to coffee, continuing long after the proving,[16].—***Eructation.*** Eructations (fourth day),[9].—Eructations from the stomach, very soon (after first and second doses, first day),[3].—***Nausea and Vomiting.*** Nausea (third day),[9]; (twenty-third day),[6].—Nausea, with great desire to vomit, but unable to do so (after third dose, first day),[3].—Nausea, with inclination to vomit (soon after first dose, second day),[3].—Nausea, and pain in the back (tenth day),[5a].—Nausea, coming on suddenly, lasting a few moments, and as suddenly going (fourth and fifth days),[9].—Nausea constant (eighth day),[7].—Constant nausea, with sensation as of a lump in the centre of the chest, which could be moved down by empty swallowing; nevertheless, it ascended again after the effort was over (forty-third day),[5].—[**190.**] Slight nausea (after second dose, first day),[3].—Considerable nausea at times after eating,[14].—Sweetish nausea, with fulness of the abdomen, particularly after eating, even after eating small quantities, but food does not increase the nausea; no desire to vomit (after four days); nausea much increased, with the same bloated sensation in the abdomen, particularly across the hips and in the region of the uterus (after a few hours, seventh day),[7].—Constant desire to vomit, with frequent hawking of mucus from the throat (soon after first dose, second day),[3].—Vomiting at first of chyme, having no appearance of undigested food, followed by vomiting of mucus, colored yellow, the same as the discharge from the nose (soon); the yellowness did not seem caused by bile; the vomiting occurred

occasionally, and at last became bloody (after four hours); nausea (third day),[1].—***Stomach.*** Flatulent distension of stomach and bowels, with rumbling, in the evening (fourth day),[3].—Great distension of the stomach, with frequent eructations and escape of flatus from the anus (soon after first dose, second day),[3].—Very great distension of stomach and bowels, with flatulence, relieved by passing wind up and down,[14].—The upward and downward escape of flatus was a very constant attendant while under the influence of the drug,[3].—Uncomfortable feeling in the stomach and bowels (after 2 P.M., twenty-fourth day),[6].—[**200.**] Hollow, empty sensation at the stomach and in the bowels (thirty-first day),[6].—Heavy, dull feeling in the stomach (fourth day),[9].—Sensation of unusual fulness of the stomach after eating, with pressure upwards (seventeenth day),[6].—Sensation as if a hard body were rolling around in the stomach, which continued for several hours, but passed off during the night (after a few hours, first day),[15].

Abdomen.—Hypochondria. Bubbling sensation in the right hypochondrium (after third dose, first day),[3].—In the middle of the forenoon, intensely sharp pain in right side, between hip and false ribs, extending forward and upwards to umbilicus; felt something like an attack of colic, so severe as to render a deep, full breath intolerable; was almost obliged to stop work (setting type); pain lasted till a little past noon, when it stopped suddenly (fifth day),[4].—***General Abdomen.*** **Unusual distension of the abdomen* and chest during the forenoon (thirty-first day),[6].—Bloating of the abdomen continues (thirty-second day),[7].—A great deal of rumbling in the abdomen (first night),[3].—Much rumbling in the left side of the abdomen (thirtieth day),[6].—[**210.**] Flatulency (third day),[3].—Flatulency, and a feeling of bloatedness of the bowels after stool, in the morning (thirteenth and fifteenth days),[6].—Moving of flatus in bowels, with feeling of fulness (half an hour after third dose, first day),[3].—Much flatulent movement in the bowels (thirty-third day),[6].—Violent emission of flatus (first night),[3].—Weakness and trembling of the bowels, with loss of strength (after forty-third day),[5].—Bowels and anus feel weak and tremulous, continuing nearly through the night (seventeenth day),[6].—Bowels feel very uncomfortable (soon after first dose, second day),[3].—A bad feeling across the abdomen, especially on the right side (seventh day),[7].—Dull, heavy feeling in left side of the abdomen (eighteenth day),[6].—[**220.**] Sensation in the bowels as though diarrhœa was about to occur, which, nevertheless, did not (first night),[3].—Slight pain in the bowels all night, with rumbling, more on the right side (first night),[3].—Burning across the abdomen and in both ovaries, in the morning (sixty-second day),[7].—Bowels feel full and distended most of the time, with great weakness and trembling,[14].—A little fulness and soreness around the abdomen (twenty-eighth day),[7].—Bowels feel as if swollen (distended?), (forty-third day),[5].—Feeling of great distension of the bowels after the morning discharge and after eating (twenty-fifth day),[6].—Feels bloated, but is not so (twenty-second day),[7].—Griping pain in bowels at 3 P.M. (after seven hours), which gradually increased till evening, when a free, bilious, fecal discharge occurred, followed by an acrid feeling and irritation at the *anus* and up the *rectum* (first day). Symptoms passed off with a free evacuation of the bowels, which was followed by an acrid smarting at the anus, and at 8 A.M. griping pain in bowels returned, with heat and pain in and across the forehead about 5 P.M. (second day), gradually increasing during the evening and night as before, though less severe, abating as before in the morning at about 8 A.M., with

a free and loose discharge from the bowels, followed by the same acrid, smarting sensation at the anus and up the rectum (third day), recurring daily till the eighth day, gradually diminishing in severity. Every morning after rising for five days up to the eighth day, there was diarrhœic discharge from the bowels, followed by the same acrid, irritating sensation at the anus and up the rectum as at first; this irritation seemed as if produced by a hot, irritating spray projected upon the parts, and usually continued for about two hours, gradually subsiding,[6].—Griping pains after each diarrhœic discharge (twenty-third day),[6].—[230.] Grumbling belly-ache (Iris versicolor), with little inclination to stool (usual bowel pains are relieved by stool), (second day),[13].—Dragging-down sensation of the whole abdominal contents, extending to the organs of the chest, feeling greatly the need of support (thirtieth day),[6].—Had to leave company on account of cutting pain in the bowels, so severe that she took Nux, which relieved, at 8 P.M. (after 12 drops),[10].—Sharp, cutting pain in right side, between short ribs and hip, running to centre of bowels,[14].—Sharp, lancinating pain, extending from the left hypochondriac region to the crest of the ilium (fifty-third and fifty-fourth days),[8].—Abdomen tender to pressure in the morning (second day),[3].—Abdominal muscles sore *just before* a stool, but not much *during* stool; an unbearable soreness; she would like to scream (forty-fourth day),[7].—Left side of the abdomen still sore to pressure (twenty-ninth day),[6].—Trembling sensation in abdomen, with chilliness (forty-third day),[5].—***Hypogastrium and Iliac Regions.*** Rumbling in the lower part of the bowels, more on right side (after third dose, first day),[3].—[240.] Heat and pressure in the hypogastrium (soon after first dose, second day),[3].—Constant burning pain across the hypogastrium from groin to groin (forty-second day),[7].—Griping pains in the lower part of the bowels, as if diarrhœa were about to ensue, with restless, weary feeling, followed by four loose discharges (sixth day), and continuing the three subsequent days, with great languor,[15].—Feeling as though diarrhœa would come on, but passes off by urinating; every day, and sometimes several times a day,[14].—Felt as if the menses were coming on, two weeks too soon (sixty-first day),[7].—**A sensation in the pelvis as though everything was coming into the world through the vagina*, very distressing, and not relieved by change of position; the dragging downwards towards the pelvis is felt as high as the stomach, and even the shoulders; not relieved by lying down, though worse when standing; a disposition to place the hand upon the hypogastrium and press upwards, in order to relieve the dragging sensation (twentieth day); steadily increasing while riding (twenty-first day); when walking, a sensation as if everything were pressing down in the pelvis, so that she inhales forcibly, in order to draw up the thorax and relieve the pelvis of weight (twenty-second day),[7].—**In the pelvis, a feeling like a dragging out, as if the whole contents were pushing down into a funnel*, the outlet of which coincided with the vagina (twenty-third day),[7].—Pressure downwards, in the lower portion of the bowels, almost constant,[14].—**When at stool, severe downward pressure at the bowels and at the anus*, with a feeling as if diarrhœa would ensue, but without fecal evacuation (observed by two provers); with every effort, only a small quantity of urine would be discharged (after forty-three days),[5].—Pressing down and burning all around the pubes and genitals, worse from 3 to 5 P.M., and going off before 8 P.M., accompanied by pressure on the bladder, the water being high-colored and scanty; she could pass water every quarter of an hour (sixty-fifth day),[7].—[250.] **Bearing down in lower part of abdomen continues*, now the twentieth day

since it commenced, **with severe pressure in the rectum and at the anus, and a constant desire to go to stool**; *but with every effort to evacuate the bowels, urine only was discharged; sensation as if a hard body were pressing backwards and downwards against the rectum and anus; standing on the feet aggravated and increased the desire to go to stool;* these symptoms were somewhat relieved by walking in the open air and riding (forty-third day),[5].—**Bearing-down pains, particularly in walking; pressure and weight low down in the vagina,* for two days; (she has once or twice before had such feelings, and then from excessive fatigue from walking or working), (after more than three months),[8].—**Bearing-down sensation in the pelvis; everything seemed to be pressing out of the vagina* (thirty-eighth day); continued like light labor pains; worse afternoon and evening till midnight (thirty-ninth day),[7].—**Bearing-down pain, as though menstruation would come on,*[14]. —She could not sleep for the continued pelvic pain, which resembled that of imminent miscarriage (fortieth day),[7].—The feeling of weight and pressure in the hypogastric and left ovarian region continued to recur at intervals till within a few days (after two months),[6].—Great weight and bearing down in the lower part of the bowels (after 2 P.M., twenty-fourth day),[6].—Increased depressing weight over the pubes (after supper), (tenth day),[7].—Intermittent, sharp pain across the lower part of bowels, seemingly near the bladder (after nine hours and three-quarters, first night),[4].—Some tearing pain in the lower part of the abdomen from the region of the ovaries down both sides (seventh day),[7].—[**260.**] Left side of the lower part of the abdomen (ovarian region) feels sore to the touch; darting pains at times in this region, extending to the groin and to the pubes in front (sixteenth day),[6].—Pain in the right iliac region, better during motion (tenth day),[7].—Drawing in the right inguinal region (after 2 P.M., twenty-fourth day),[6].—Painful drawing about the left inguinal region, extending to the pubis (thirty-third day),[6].—From the anterior superior spinous process of the ilium (both sides), a pulling downwards and backwards (twenty-fifth day),[7]. —Stinging feeling in the left inguinal or ovarian region most of the time lately, with feeling of fulness and voluptuous itching in the vagina (twenty-sixth day),[6].

Rectum and Anus.—Anus stiff and painful, with a tight painful drawing through the forehead and eyes (twenty-sixth day),[6].—**Pressing in rectum and anus* (twelfth day),[5a].—**Pressure on rectum and bladder** (forty-second day),[7].—**Pressure in the rectum, with almost constant desire to go to stool,*[14].—[**270.**] **Constant pressure on the rectum* (sixty-ninth day),[7].—Urgent desire to go to stool, cannot wait (forty-third day),[5].

Stool.—Diarrhœa. Diarrhœa; has had four stools, at 11 A.M., the first at 7 A.M., *hurrying her;* she cannot wait a minute; stool loose, but not watery, and dark brown; this attack is like the two previous ones (sixty-second day),[7].—*The first effect was diarrhœa, appearing the third day, and continuing daily throughout the proving; it occurred directly after dinner, was sudden and peremptory; discharges copious and bilious, *with burning of the rectum and anus,* and severe tenesmus, and followed by extreme exhaustion,[16].—**Morning diarrhœa, with increased smarting and irritation of the passage; with griping in the bowels, and rasping sensation at the anus and in the rectum after the passages; the diarrhœa returned every morning on rising, followed by an acrid smarting sensation about the passage,* for about two months,[6].—Some diarrhœic discharge with acrid smarting of the whole alimentary canal, in the morning on rising (thirty-second day),[6].—The usual diarrhœic passage from the bowels in the morning, followed by

the same acrid, smarting sensation, with great weakness and trembling (sixteenth day),[6].—Several dejections, dark-colored, very offensive (third morning); large, dark-colored, very offensive discharge, and immediately began to sink (after fifty-six hours); death (after fifty-nine hours),[1].—Bowels naturally regular; now she has alternately a solid and a loose stool, several during the day, and a constant feeling as though she must have a stool; this feeling resulted from a sensation as if something were pushing against the anterior wall of the rectum at the anus, and about two to three inches above it (twenty-second day); for the last thirty-six hours constant desire for stool from pressure on the rectum; a stool every half hour, lumpy, small, diarrhœic, with wind; constant tenesmus; she could sit at stool forever, and burning in the urethra; continuing several days; took Helonias[200], and was greatly relieved (twenty-third day),[7].—Evacuation of the bowels, at first of natural appearance, then followed discharges colored yellow, the same as the vomiting and the discharge from the nose, and at last bloody discharges; dejection checked (after nine hours),[1].—[280.] A powerful discharge from the bowels this morning on rising, of a dark color, and very offensive, leaving the same acrid, sore sensation at the anus, extending upwards into the middle of the bowels, continuing for several hours (twelfth day),[6].—Evacuation from the bowels, dark and hard, followed by a great deal of heat in the rectum and anus, with slight pains in the abdomen (very soon after first dose, second day),[3].—***Constipation.*** ******Bowels constipated* (third day); still constipated (fifth day),[15].

Urinary Organs.—Bladder. Pressure on bladder and rectum (forty-second day),[7].—***Pressure on the bladder,** *the water being high-colored and scanty;* **she could pass water every quarter of an hour,** *in the afternoon* (sixty-fifth day),[7].—*For the last three days more **continual pressure on the bladder, wants to urinate all the time,** *passing but little, followed by smarting and tenesmus* (twenty-fifth day),[7].—Irritation in the bladder continues, but she can control it by determining not to urinate (twenty-seventh day),[7].—***Urethra.*** Burning in the urethra (twenty-third day),[7].—******Burning and acrid feeling in the urinary passage after every discharge of urine* (fifteenth day),[6].—******Acrid, smarting sensation follows every urinary discharge* (twentieth day),[6].—***Micturition.*** [290.] ******Frequent inclination to pass urine, each discharge small in quantity, and followed by smarting burning of the urethra,* during the latter part of the night and early morning; urine milky in appearance, depositing a thick reddish sediment on cooling (ninth to eleventh nights),[6].—***Frequent desire to urinate through the day, with scanty discharge and a feeling of irritation and smarting in the urethra after every discharge** (second to twenty-sixth days),[6].†—******Frequent and urgent desire to pass urine,* slight in quantity, milky in appearance when passed, but depositing a red sediment on standing, with smarting and irritation after every passage (twenty-sixth day),[6].—******Constant desire to urinate;* for several nights had to rise twenty times to urinate (sixty-ninth day),[7].—Frequent urination (fifteenth day),[13].—Frequent but scanty urinating,[14]; (after forty-third day),[5]; with acrid smarting of the urethra (thirty-second day),[6].—***Frequent urination during the day, with smarting in the urethra when passing it,**[13].—Frequent urination at night, followed by acrid smarting sensation about the passage, for two months,[6].—Urine more free and frequent, clear, odor strong, much irritation of the urethra after every passage (twenty-second day),[6].—Must rise twenty times a night to urinate

† An entirely new symptom to the prover.

(sixty-ninth day),[7].—[300.] Bladder evacuated four times in about ten hours, which is very unusual with him during the night (first night); several evacuations of bladder during the day (second day),[4].—No urine during last twenty-four hours (second day); no urine had been passed (third morning),[1].—***Urine.*** Increased secretion of urine during the days in which I took the medicine,[11].—Urine increased and dark-colored (after two or three weeks),[7].—Urine copious, red sediment; smarting irritation after every passage (twenty-fourth day),[6].—Clear, but scanty urine, and acrid smarting after every passage,[6].—Urine remarkably clear and white at every evacuation (second day),[4].—Urine high-colored, with copious flow (second day),[2].—Urine milky in appearance, in the morning (twelfth day),[6]. —Urine thick, milky, and soiled in appearance, small in quantity, frequent desire to pass it; soreness and burning heat through the whole passage after urinating, which gradually subsided, in the morning (thirteenth day),[6].—[310.] Burning hot urine, seeming more like boiling oil than water (seventh day),[13].

Sexual Organs.—Male. Seminal emission toward morning (extremely rare), (sixteenth day),[13].—***Female.*** The most marked effect was exhibited by the reproductive and mental organs,[16].—**On examination the uterus was found low down, the fundus tilted forwards, and the os uteri pressing backwards upon the rectum, allowing but a difficult passage of the index finger between the os and the rectum* (forty-eighth day),[5].—**On introducing the finger into the vagina, she finds the os, which is usually so high as to be almost out of reach, now so low as to be only a half-finger high, the os much tilted back and pressing against the rectum, the fundus pressing on the bladder* (sixty-ninth day),[7].—**Extreme pain and bearing down in the uterine region, constant distress as from approaching menstruation*,[16].—Aching in the pelvis between the promontory of the sacrum and the pubes; it feels to her as if the aching were not *in* the uterus but *around* it; she feels constantly the two spots corresponding in position to the ovaries, which ache and feel like little coals of fire (twenty-third day); the pain in the right ovary increased, until at last it seemed as if a knife were inserted into the ovary and ripped down the groin and the anterior part of the thigh; the pain extended over the lumbo-sacral region, and she must cry herself to sleep; the pain extended up to the right hypochondrium; somewhat relieved by pressure on the ovary (twenty-sixth day),[7].—*Bearing down, with sensation of heavy weight and pressure in the region of the womb, as if the whole contents would press out through the vagina (eighteenth day),[6].—*Great bearing down in the uterine region, and a feeling when on the feet as if the whole pelvic contents would issue through the vagina, if not prevented by pressure upward with the hand, at the vulva, or by sitting down (twenty-ninth day),[6].—Severe neuralgic pain (I think) in my uterus, so severe that I could not bear to be touched or moved, and even the jar of any one against the bed was torture to me; I could not bear the weight of my clothes upon the pelvic region; this never lasted more than an hour and a half at a time, and passed off without leaving any lameness; upon the recurrence of the symptoms I found by examination that the womb was anteverted; this is something that never took place before in my experience,[12].—[320.] While attending a lecture much irritation in the womb, and desire to hit the lecturer; and in the evening, desirous of swearing and damning the fire and things generally, and to think and speak of obscene things; disposed to strike and hit persons; as these feelings came the uterine pains passed away (forty-third day),[7].—While sitting at a lecture

felt much irritation in the womb (forty-second day); feeling of irritation inside the uterus (forty-third day),[7].—***Ovaries.*** When walking, pain in both ovaries, worse in the *left*, extending down the anterior and inner aspect of the left thigh, as if it would be impossible to take another step; as soon as she extended the limb she must immediately flex it again, and then, because of a restless feeling, must again extend it; at length she went to sleep on the back with knees and thighs flexed (twenty-first day); she cannot tell which pelvic region is the worse, that in the back or that in the pubic region; the whole contents of the pelvis seem to drag downwards and forwards and quite from the stomach (twenty-second day),[7].—Pain in right ovary and some backache (twenty-eighth day),[7].—Grasping pain in the left ovarian and inguinal regions, with pain in the right hip, extending down the thigh, continuing throughout the day (twentieth day),[6].—Dull, drawing pain in the left ovarian region, relieved by gentle pressure on the part with the hand, disappeared about 10 o'clock A.M. (thirteenth day),[6].—Pains in the right ovarian region, a gnawing, dragging sensation, worse on walking, a feeling as if something were shaking loose in that region whenever the right foot was planted firmly (fourth and fifth day),[9].—***Sharp pain in the ovarian region** (after six hours, fifteenth day),[6].—Shooting pains in the left ovarian region, bearing down when standing, mitigated by sitting down (twenty-seventh day),[6].—Sharp cutting pains in the left ovarian region, extending across the lower part of the abdomen, relieved somewhat by gentle rubbing with the warm hand, in the evening and at night (nineteenth day),[6].—[**330.**] Stinging, darting pains in the ovarian region throughout the day (eighteenth day),[6].—The left ovarian region becomes sore to pressure, the pain grasping, and extending across the lower part of the abdomen; the pain was mitigated by rubbing and moderate pressure; the bearing down was so great that the parts had to be sustained by pressing upwards with the hand at the vulva (twenty-seventh day),[6].—Somewhat tender on pressure in the region of the ovaries, especially the *right* (twenty-second day),[7].—Constant feeling of irritation in the ovaries (seventy-fifth day),[7].—***Vagina.*** **Leucorrhœa* (*a thin, acrid discharge, leaving a brown stain;* she thought it was the menses, which had ceased the week before); she never had any such trouble before; worse in the afternoon and evening till midnight (thirty-ninth day); the next day it had ceased and she felt better in the morning; but in the afternoon it returned and continued all night, and was more excoriating than before, producing a rash and a little swelling (fortieth day); acrid as before (forty-second day),[7].—Discharge of bright-red blood from the vagina (for the first time in two years), with dull heavy pain, and great weakness in the small of the back and loins, continued four following days (after twenty-four days),[5].—A feeling as if the internal sexual organs were swollen; smarting and irritation of the labia, with heat as though the parts were inflamed; great tenderness about the whole sexual organs; very uncomfortable pressure downward, and an irresistible desire to sustain the parts by pressing upward with the hand (thirty-third day),[6].—Severe pressing or bearing-down sensation in the sexual organs, with the feeling as if the whole internal parts were being pulled outward or downward from the breasts and umbilical region, through the vagina, with an irresistible desire to press the hands against the vulva to prevent the part from escaping (thirty-first day),[6].—A sensation of pressure in the vagina and a pain at the top of the sacrum extending to the hips (seventh day),[7].—Bearing down in the vagina, or rather a dread of it (twenty-fifth day),[7].—[**340.**] Itching and smarting of the labia, with great

uneasiness of the parts; sharp pain extending up the vagina (after six hours, fifteenth day),[6].—***Menses.*** Menses came at the regular time, more free than usual; relieving headache; after flowing twenty-four hours, ceased twelve, and then recurred,[7].—A change in menstruation; the flow not one-fourth as much as usual, but followed by profuse bright-yellow leucorrhœa, so acrid as to excoriate the whole perineum, a new symptom for me,[12].—Menses recurred, after an interval of only two weeks; a slight, dark, thick discharge, smelling like lochia (forty-fifth day),[7].—The first month after taking the Lilium, menses anticipated five days; the second month delayed one day; the third month anticipated one day,[8].—Menses appeared more than a month too late; scanty and of short duration (second day after 12 drops),[10].—Menses occurred as usual, and regularly, and continued normal as long as she kept moving, but as soon as she ceased moving, the flowing ceased (twenty-seventh day); none this morning (twenty-eighth day),[7].—Increased sexual instinct (first four days),[7].—Sexual instincts strong now, whereas formerly she was very free from such feelings; she says the conjugal instinct is strongly developed (thirty-second day),[7].—[**350.**] Rousing of sexual desire, which had been dormant for years (curative?), (tenth day),[13].—*The sexual desire, dormant hitherto, was so strongly aroused that the prover said, "I am afraid of myself, I seem possessed of a demon;" this excitement continued almost three weeks, increasing in intensity, until an orgasm beyond the control of the prover would suddenly terminate it; during these attacks there was a constant urging to unusual physical exertion, walking, etc., in hope of relief, the mitigation afforded by this, however, ceasing with the effort; there was in this state a constant hurried feeling, as of imperative duties and utter inability to perform them; for about ten days following this excitement, there was a profound mental depression; to the prover, "the heavens seemed brass, and the earth iron;" although convinced that the sexual desire resulted from drug action and beyond her control, an apprehension of moral obliquity weighed grievously upon her; with the sudden passing off of this condition would as suddenly recur the excitement, and this alternation continued for more than four months after the proving,[16].—In the first stage of its action, or stage of excitement, a condition of amorous excitement comes on suddenly and anywhere; a disposition to use obscene language, a kind of nymphomania; this stage gives place to sluggishness and despondency, and this to a hurried feeling of being impelled to work without herself desiring to work; it is not herself, but her excited nervous system, which drives her to exertion,[7].—Passionate excitement, aching and burning pain in the ovaries (worse in the right), which organs are distinctly defined to her sensation (sixty-fifth day),[7].—The passional excitement, which has abated, returns; this was so great that I gave Platina 200, every three hours until relieved (sixty-ninth day),[7].

Respiratory Organs.—Voice much affected when attempting to sing, could not control it (third day),[15].—A single, dry cough (thirty-second day),[7].—Dry, hacking cough in the evening, better in the open air (sixth day),[15].—Desire to take a long breath, with frequent sighing, which seemed to come from the lower part of the bowels (thirty-first day),[6].—Frequent inclination to sigh, and short breathing, in the evening and night (nineteenth day),[6].—Hard breathing; frequent desire to take a long breath; sighing (fourteenth night),[6].—[**360.**] Short breathing,[6].—Short breathing, oppression (after 2 P.M., twenty-fourth day),[6].

Chest.—Sensation of great fulness of the chest and abdomen (thirty-

third day),[6].—Tight feeling of the chest (twenty-seventh day),[6].—Hot congested sensation in the chest (first day),[13].—If the desire to urinate is not attended to, there is a congested feeling in the chest (tenth day),[13].—Congested and constricted feeling of the chest, as if too narrow, and might be relieved by letting out some of the blood; with the chills (fourteenth day),[13].—Severe congestion of the chest, in the afternoon, continuing two hours, and gradually subsiding (twenty-fourth day),[13].—Contracted feeling of the chest (twenty-ninth day),[6].—Constricted feeling in lower third of chest, with oppressed breathing, worse towards morning (ninth and eleventh night),[6].—[370.] Compressive sensation in the chest, with a choked feeling, as if he would suffocate, but would be relieved if the blood could be discharged, which seems shut up in the heart; slight relief by deep sighing (eighth day),[13].—Oppression and heat of chest, a kind of ebullition; must go into the fresh air for relief; at 8 A.M. (seventh day),[13].—Oppressive and congestive feeling in the chest, increased in the evening (seventh day),[13].—Oppression of the chest relieved by sighing (twenty-third day),[13].—Oppressed feeling in the lower third of the chest, with oppressed breathing toward morning (eighth night),[6].—***Front.*** Feeling of lump under breast-bone, moving up and down by swallowing,[14].—Dull, pressive pain under the sternum, towards the middle lobe of the right lung, relieved by sighing, and pressure with the hands (fifteenth day),[13].—***Sides.*** Tightness of the left side of the chest, in the evening (thirtieth day),[6].—Constriction in the left side of the chest, at 6 P.M., increasing after lying down (twentieth day),[6].—Constricted feeling in the left side of the chest, under the floating ribs, extending thence up to the neck, and left shoulder-blade (after eight hours, twenty-first day),[6].—[380.] A feeling of constriction in the left side of the chest about the breadth of the hand below the left mamma (thirty-third day),[6].—At two o'clock in the morning a feeling of stricture in the left side of the chest, extending across to the other side, and sharp pains running up to the throat, clavicle, and to the left armpit, ameliorated by change of position, but continued till after rising in the morning (sixteenth day),[6].—Dull pain in the left side of the chest and at the shoulder (after six hours, fifteenth day),[6].—*Dull pressive pain in the left side, apparently about the heart (after one hour and a half),[2].—**Constant feeling of load or weight in left chest*,[14].—Fine pains, sometimes gnawing, in the right side of the chest, with a feeling of lameness and soreness of the muscles, and a desire to stretch the parts; the lameness extended through to the shoulder-blade of that side (second day); the gnawing sensation in the right side of the chest, together with the fine pains increased, and extended over to the side (third day); the lameness and fine pains continued (fourth day); but had disappeared, in the morning (fifth day); the same pains returned in the right side of the chest, with pressure, and a sensation as if a weight pressed heavily upon the chest (after fifteen minutes, sixth day),[15].—*Sharp and quick pain in left side of chest, with fluttering of the heart (one hour after second dose, third day),[5a].—**Quick, sharp pain in left chest very frequently*,[14].—Sharp twinges, followed by a dull, drawing sensation in the left side of the chest, extending upwards to the collar-bone, in the morning (thirteenth day),[6].—***Mammæ.*** Pain in left *mamma*, in the morning (thirteenth day),[6].—[390.] Left mamma painful, with drawing sensation in the left armpit and shoulder (thirty-first day),[6].—Severe pain and feeling of heaviness of the left mamma, a sensation of grasping of the part, extending backwards to the left shoulder-blade and down that side to the lumbar region, at 10 P.M., after lying on the left side for awhile (eleventh day),[6].—Pain in left mammary gland,

passing around under the shoulder-blade to the spine,[6].—Dull pain and constricted feeling in the left mamma and side, with oppressed breathing, worse upon lying down (seventeenth day),[6].—Crampy pain in *left mamma* and shoulder (twenty-fifth day),[6].—Dull aching in left mammary gland, and under the left shoulder-blade, continues in the evening and night (nineteenth day),[6].—Sharp, cutting pains in both mammary glands, extending from the left mamma to the left shoulder-blade, and to the spine, ameliorated by changing position (fourteenth night),[6].—Severe cutting pain in the *left mamma*, extending through to the left shoulder-blade, increased by lying on that side (eighth and ninth night),[6].—Frequent stitching pains in left *mamma*, and a drawing sensation, extending to the shoulder and neck; the pain became more severe at 2 P.M., extending to the neck (twenty-fourth day); the pains in the left *mamma* and side and about the left shoulder-blade have been most troublesome, and have continued longest, indeed have not yet wholly disappeared (after two months),[6].

Heart and Pulse.—Præcordium. Constant heavy feeling in left side, in region of the heart, all the afternoon (second day),[3].—[**400.**] Suddenly aroused from sleep by pain in the left side, as if the heart were violently grasped, and the grasp gradually relaxed, *interrupting the pulsations of the heart, and the breathing*, relieved by rubbing and pressure,[2].—Heart symptoms really troubled her about walking; short of breath, especially on going upstairs, and was obliged to stop and repose (thirty-second day),[7].—Heaviness and pressure about the heart after eating; this symptom has increased very much and is sometimes almost unendurable,[14].—Heart feels heavy (eighth day),[13].—Pain in the region of the heart all the time, but increased by stooping, leaning forward, or lying down,[14].—*Dull, heavy, or pressive pain in region of the heart*,[3].—Heaviness in region of heart, and palpitation when lying on the left side, worse in bed, at night (fourth night); the heart symptoms became so troublesome that I was obliged to discontinue further use of the drug (fifth day),[3].—The dull pressive pain in the left side, coldness of the outer side of the left leg, and pressure in the right side of the head, gradually increased for about six hours, then gradually abated, when I fell into a sleep which continued for about four hours, from which I was suddenly aroused by pain in the left side, as if the heart were violently grasped,[2].—Pain in the region of the heart, worse when stooping, leaning forward or bowing, in the afternoon, *and more particularly when lying down at night;* better in the morning and forenoon; the pain in the heart continued for more than two weeks, gradually abating, and, at last, could be felt only when leaning forward, stooping or bowing; the pain was so persistent and annoying that I abandoned further trial,[2].—Awakened by distressing pain and pressure, with fluttering of the heart; the pain was not acute, but a pressure (first night),[14].—[**410.**] Twice a sharp pain in the apex of the heart (thirtieth day),[7].—An occasional quick pain about the heart was felt, with labored breathing when walking rapidly or ascending a flight of stairs,[16].—Slight momentary spasmodic twitchings around the heart in the forenoon (fifth day),[13].—Noticed some heart symptoms, not very definite (twenty-ninth day); a sudden fluttering sensation in the heart, after walking; this like other symptoms is less felt if she can *busy* herself *much* (thirtieth day),[7].—Very violent feeling of fluttering in the heart; frequently waking up in the night with it; not relieved by changing position,[14].—A hurried, forcing feeling about the heart, with faintness and fluttering as though she could do nothing, but must put by her work and sit still; relieved by repose; feels hurried as though she must breathe

quickly, yet does not (thirtieth day),[7].—***Heart's Action.*** Violent beating of the heart, and throbbing of the carotids, preventing sleep, when lying on either side of the body; after the creeping chills down the back; lasting a month (after two weeks),[8].—Palpitation of heart, and beating of the arteries, felt only when lying in bed, or during a siesta (sixteenth day),[13].—Frequent attacks of palpitation of the heart (fifth day),[5a].—Violent palpitations very frequent,[14].—[420.] Fluttering of the heart, with sharp and quick pain in left side of chest (one hour after second dose, third day),[5a].—Weak beating of the heart, continuing two hours and gradually subsiding, in the afternoon (twenty-fourth day),[13].—The heart's action was intermittent; every intermission was followed by a violent throb, causing an involuntary catching of the breath, at the same time the blood rushed up through the carotids, to the head, producing great heat, and a crowded feeling of the head and face; these symptoms followed me for more than a month, indeed, so constant were they that I became alarmed, fearing I might have misjudged the case, and, instead of medicinal symptoms, I was really suffering from an organic disease of the heart; but a physical examination of the heart's action put my mind at rest; at the present time I have no trouble (after fifty days),[3].—***Pulse.*** Pulse small and weak, as if the blood did not reach the radial artery in the usual quantity (eighth day),[13].—Pulse 76 (before taking); 88 (four hours after first dose, and two hours after second dose, first day); 72 (fifteen minutes after first dose, second day),[3].

Neck and Back.—Neck. Dull pain in back of the neck, with feeling of constriction (twenty-fifth day),[6].—Soreness of the cervical and occipital muscles, always worse when she has "thirsty spells," during the whole proving,[7].—***Back.*** Pain in the back and nausea (tenth day),[5a].—Pain in back all the evening, till after midnight, when it abated somewhat (thirteenth day),[5a].—Severe pain in back (third day),[11].—[430.] Constant burning in the back (sixty-ninth day),[7].—Some backache and pain in right ovary (twenty-eighth day),[7].—***Dorsal.*** Some pain between shoulders (second day),[4].—Dull pain under right scapula, being weary from attending lectures; have felt it before when tired,[12].—Pain in lower dorsal vertebræ, as if the back would break, for two days (after nearly three months),[8].—***Lumbar.*** Steady, though not severe pain in lumbar region (after nine hours and a quarter, first night); continuing though sensibly growing lighter; occasional transfer of pain to between shoulders (second morning),[4].—Pain in lumbar region increasing in severity (after dose, second day); much distressed with pain in lumbar region, on rising in the morning, lasting through the day and not disappearing till evening (third day),[4].—Sharp pain in the lumbar region, extending thence over the right hip to the umbilical region, relieved temporarily by rubbing (eighth, ninth, and tenth nights),[6].—Gnawing pain in the back, in the lumbar region, lasting all night, worse in bed (fourth and fifth night),[9].—On changing position in bed, drawing pain in the right side of the loins, near the hip, increased after rising up (fifteenth day),[6].—[440.] Pain in the lower part of the back (sixth day),[15].—Constant dull pain low down in the backbone between the hips,[14].—Dull and constant pain in the back, between the hips, with pressing downwards at the anus; continuing to tenth day, not much relieved by lying down (sixth day),[5a].—Pain in small of the back,[14].—Dull, heavy pain and great weakness in the small of the back and loins, continuing four following days (after twenty-four days),[5].—Steady pain in the small of the back, in the spine, spreading both ways to the kidneys, continuing the whole day (seventh day),[13].—Dull

pain in small of back and sacrum, all the afternoon and evening (twelfth day),[5a].—Dull and occasional shooting pains across the small of the back, lasting a short time (after second dose, first day),[3].—***Sacral.*** **Pain in sacrum all day* (eleventh day),[5a].—Pain in the lower part of the sacrum (fifth day),[15].—[450.] **Pain in the sacrum, with a sensation of weight and downward pressure in lower part of abdomen* (hypogastrium), which continued with a good deal of severity for six days, worse when standing (after eighteen days),[5].—Dull pain low down in the back, in the sacrum (fifth day),[5a].—Drawing pains in the sacrum aggravated by moving; in the morning (thirteenth day),[6].—Aching and pressure across the lumbo-sacral region, and some pressure upon the rectum (twentieth day),[7].—From the very tip of the os coccygis a pulling upwards and forwards (twenty-fifth day),[7].

Extremities in General.—Severe pain in the second joints of fingers and in the ankle-joint, so that when driving the horse must be stopped, the jolting was so painful (seventeen days after 12 drops),[10].—In early part of night, an outpressing sensation in hands, arms, feet, and legs (first to eighth day),[6].—Quick pain in the ring fingers of both hands and corresponding toes of both feet, at the same time, passing off in a few seconds (after third dose, first day),[3].

Superior Extremities.—Shoulder. Crampy pain in left shoulder and mamma,[6].—***Arm.*** Tearing pains in the left upper arm, which seemed to be confined to the muscles (ninth day),[13].—***Forearm.*** [460.] Pressing pains in the right arm and wrist (twenty-fifth day),[6].—***Wrist.*** Pain (a hard ache) in the right wrist, and great weakness of the part in the morning (twelfth day),[6].—***Hand.*** Tremor of the hands (third day),[10].—Hands and arms stiff and hot as if parched (thirty-first day),[6].—Right hand and arm stiff and painful, abating after 8 A.M. (sixteenth day),[6].—Pricking, painful sensation in the hands and fingers, in the morning (twelfth day),[6].—***Fingers.*** Paralysis or stiffness of the fingers, so that she can hardly hold a pencil firmly enough to write (fourth day),[10].—Fingers of right hand feel stiff, with cramp in the middle finger and up the arm, at 5 P.M. (thirtieth day),[6].—Cramps in the fingers (twenty-fifth day),[6].—Pain in the index finger, beginning at the point, like that produced by an electric current, with throbbing of the pulse (after eight hours, twenty-first day),[6].—[470.] A sensation as of an electric current, beginning at the end of the left index finger, extended to the other fingers of the same hand and up the arm, at 5 P.M.; then in the right index finger, extending to the other fingers, to the hand and arm, continuing for several hours, with coldness of the feet during the time (twenty-eighth day); the sensation as of an electric current has been felt in the left hand occasionally, but has grown less and less at every recurrence; this, together with the burning of the feet and hands, subsided first (after two months),[6].—Pricking sensation in the fingers of both hands, extending up the arms, with a strong outpressing sensation as if the blood would press through the veins, which continued into the night (after seven hours, twenty-ninth day),[6].—Pricking sensation at the ends of the fingers of both hands, and great heat of the palms, at 5 P.M. (thirtieth day),[6].

Inferior Extremities.—Staggering gait; have to exert myself to the utmost to walk straight (seventh day),[13].—Lassitude in the lower extremities, especially in the fleshy parts (seventh day),[13].—Legs weak, and feel as if unable to support the body (fifteenth day),[13].—Great weakness in the legs (thirtieth day),[7].—When walking, the joints seem to lack synovial fluid; can almost hear the crepitus (third day),[10].—Quick pains in the

lower limbs (soon after first dose, second day),[3].—***Hip.*** Pain in the right hip and down the thigh (after six hours, twenty-third day),[6].—[480.] Catching pains through the right hip, and down on the outside of the right thigh, worse when sitting up (twenty-second night),[6].—Boring sensation in the right hip-joint, with stiff feeling of the muscles of the thigh (twenty-seventh day),[6].—Severe, drawing pain in the right hip, extending down the outside of the thigh, relieved by moving the limb from place to place (seventeenth day),[6].—Stitches coming and going through the day in right hip-joint (seventeenth day),[13].—Slight stitches occasionally in the right hip-joint (seventh day),[13].—Soreness in the right hip-joint, worse when she has "thirsty spells," during the whole proving,[7].—***Thigh.*** Lassitude in the thighs (eighth day),[13].—Pain in left thigh, flatulency and lameness in ankle-joints when moving, gradually diminishing (third day),[3].—A small spot, about the size of the end of the finger, on the inner side of the left thigh, about half way down to the knee, very painful at times, coming and going (soon after first dose, second day),[3].—Sharp pain in the inside of the left thigh, over the femoral artery, about two inches below Poupart's ligament (six hours and a quarter after second dose, second day),[3].—[490.] Much trembling sensation from the pelvis extending down the thighs (sixty-ninth day),[7].—***Knees.*** Trembling of the knees (second day),[10].—Trembling of the knees and abdomen, and lower part of the back (third day),[10].—Weakness and pain in the knees, when walking (soon after first dose, second day),[3].—Knees feel weak, and are painful when walking, and especially when ascending an eminence (soon after first dose, second day),[3].—Pain in the knees all day (second day),[3].—Grasping pain in the knees, continuing for some time (after eight hours, twenty-first day),[6].—Knees ache (tenth day),[7].—Heavy aching sensation in both knees, after lying down (twenty-second night),[6].—Sharp pain in both knees, on the inside, extending towards the front, at the point of connection of the patella with the tendon of the rectus muscle; the pain seemed to be confined to a small spot; never felt anything like it before (after first dose, first day),[3].—[500.] Stinging sensation below the right knee, at 5 P.M. (thirtieth day),[6].—***Leg.*** Pains in the lower limbs, below the knees, shifting suddenly from place to place (after second dose, first day),[3].—Dull, heavy pain from the knees to the ends of the toes,[3].—Cramps in both legs and feet after the discharge from the bowels, in the morning (thirty-second day),[6].—The legs ache, causing her to twist and turn (twenty-sixth day),[7].—Swiftly darting pain about the legs for two hours during the evening, going off suddenly as they came on (thirtieth day),[6].—***Ankle.*** Pain in the ankle, extending to the toes (twenty-seventh day),[6].—Pain in ankle-joints, worse when moving (after second dose, second day),[3].—***Foot.*** Dull, boring pain on the top of the left foot (soon after first dose, second day),[3].—Pulsation in both feet (after second dose, first day),[3].—[510.] Feet have been tender and the ankles swell (forty-fourth day),[7].—Cramp in the toes of the left foot, at 5 P.M. (thirtieth day),[6].

General Symptoms.—Objective. During the proving she has grown fat, gaining eight pounds (forty-fourth day),[7].—Extreme emaciation and debility,[16].—More active; things went easily (first days),[7].—Tremulousness (fourteenth day),[11].—Nervous tremulousness, towards evening (one hour after second dose, second day),[11].—Tremulous and weak as from a fit of sickness, on waking (second morning after 12 drops),[10].—Startings (third day),[1].—Convulsive contractions of almost all the muscles of the body,[10].—[520.] Hysterics,[10].—The muscles of the whole body respond sluggishly to

her will (forty-fourth day),[7].—Enervation,[12].—Lassitude,[12].—General lassitude (twenty-ninth day),[6].—General lassitude and great heat, in the afternoon (sixteenth day),[6].—Languor; lassitude (twelfth day),[6].—Great languor, for three days (after six days),[15].—Languid, slow, and forgetful (thirty-third to forty-fourth day),[7].—Languid, rather sleepy (after nine hours),[1].—[530.] Dull, sleepy, and languid (after four hours),[1].—Weakness and irritability during the forenoon (twenty-fourth day),[13].—Loss of strength, with weakness and trembling of the bowels (after forty-third day),[5].—Extreme exhaustion, following the diarrhœa,[16].—Prostration,[12].—Frequent faintness, especially *in a warm room*, or after *being on the feet* a long time,[14]; with cold perspiration on back of hands and on feet (after forty-three days),[5].—Restless (thirty-first day),[6].—Restless, with a desire to do something, but no ambition (seventh day),[7].—Restless, weary feeling (sixth day),[15].—General restlessness of whole system, at 5 P.M. (after nine hours, eighth day); increasing in the evening and after going to bed (eighth day),[6].—[540.] Felt hurried; walked all day; could not amuse herself by thinking or reading; it was aimless *hurry* and *motion*, up and down; could not go to sleep; wanted somebody to be with her and talk to her; felt that she should die, and did not care if she did; wondered who would take care of her body (sixty-first day); same restless desire to keep walking (seventy-fifth day),[7].—Inert, yet don't want to sit quiet; is restless, yet don't want to walk; is cross and pettish (fortieth day),[7].—Much nervousness (third day),[11].—***Subjective.*** She is conscious of feeling nervous and irritable, and yet says she feels jolly (twenty-second day),[7].—Nervous symptoms, commencing after nine hours each day, not very strongly marked the first day, but growing worse and worse each day (after the first five doses),[10].—Irritability of the whole system (eleventh night),[6].—The prover feels that her whole system is profoundly affected by the drug; "she is not the person she once was;" feels hurried and yet cannot do much; no heart nor strength for business, which has not hitherto been a burden to her; does not like trying to do any work (thirtieth day),[7].—She feels that the animal life predominates, and as though her life were going away (sixty-ninth day),[7].—Feeling of great prostration (after six hours, twenty-third day),[6].—Felt for a week entirely incapacitated for mental or physical exertion,[12].—[550.] Faint feeling all over, very severe for about two hours, then gradually subsiding, in the afternoon (twenty-fourth day),[13].—Was called out in the night, and, after lying down again, was miserable and restless; everything seemed too hot (seventh day),[13].—Severe pain all night (seventeen days after 12 drops),[10].—Sensation of burning, both internally and externally (fourteenth day),[13].—Aching of the flesh and bones throughout the body (seventh and ninth days after 12 drops),[10].—Muscles lame as though bruised, and the soles of the feet so sore that she cannot walk on them; the hands feel as though they had been pounded; every part of the body sore and bruised; can't bear pressure of the clothes (eighteen days after 12 drops); the train of symptoms did not leave her for nearly four weeks,[10].—No pain, but the sore sensation which follows pain, in the morning (twenty-seventh day),[7].—Pulsation of all the arteries (twentieth and twenty-second nights),[6].—Throbbing pulsations over the body, and outpressing sensation in the hands and arms, as though the blood would burst through the veins, in the afternoon (sixteenth day),[6].—The pains all occupy small spots, as if produced by hard pressure with the ends of the fingers on the parts (after second dose, first day),[3].—[560.] The symptoms gradually increased in severity, with but little variation up to

the forty-eighth day, when internal use of Helonias dioica gave relief in the course of twenty-four hours, and in three days the relief was entire,[5].

Skin.—Irritation on the upper part of the chest and arms, and a fine rash about the forehead and around the borders of the hair, with much itching; not subject to anything of the kind (fifteenth night),[6].—At intervals the skin of the abdomen felt stiff and stretched (fifth and sixth days),[7].—Tingling in the legs, which disappeared after the second day,[2].—Formication below the knees (after second dose, first day),[3].—Itching in right temple, in evening (second day),[13].—In the swell of the deltoid muscle on both arms, a burning itching, compelling to rub and scratch, which relieves for a short time (thirty-fifth day),[7].

Sleep and Dreams.—Sleepiness. Yawning and stretching (third day),[9].—Yawning and stretching all over (thirty-second day),[6].—Sleepy, but easily aroused (after one hour); sleepy (after four hours),[1].—[570.] Very sleepy at other times than the usual sleeping hours (after forty-three days),[5].—During evening tried to compose music but could not; for a sleepy feeling which pervaded the whole frame compelled the prover to retire at the unusually early hour of nine (second day),[4].—Desire to sleep (sixth day),[7].—Feel drowsy and retire early (third day),[13].—Slept soundly without dreaming much; about the middle of the night woke suddenly and evacuated the bladder, a very unusual thing with the prover; slept again until a quarter before six, when awoke suddenly and again emptied the bladder; slept again till eight, when the bladder was evacuated again (first night),[4].—***Sleeplessness.*** Sleeplessness,[16].—She has not slept for several nights; must rise twenty times to urinate; keeps turning and twisting; likes to have a pretext for getting up; if aroused by anything she can't sleep again (sixty-ninth day),[7].—Cannot sleep at night, but lies with the eyes wide open (twenty-second day),[7].—Wakefulness (eleventh night),[6].—Wakeful during the night, but when asleep disturbed by bad laborious dreams (thirty-first night),[6].—[580.] Unquiet sleep, frequent waking as if from being frightened (twentieth night),[6].—Went to sleep soon after midnight, waking often (sixty-first night),[7].—No sleep after 2 o'clock in the morning (fourteenth night),[6].—Restlessness at night (ninth to eleventh days),[6].—Restless during the night, with lascivious dream toward morning and seminal emission, which woke me (twenty-third night),[13].—Restless sleep (fourteenth night),[6].—Restless sleep, full of dreams, which cannot be recalled (sixteenth day),[13].—***Dreams.*** Dreams all night (eighth day),[7].—Queer, half-waking dreams, with burning heat the whole night; things occurring at short intervals appeared as if very long intervals were between, as, for example, when a child got up to pass urine, the intervals between getting up and passing urine and going to bed again seemed very long (fourteenth day),[13].—Slept well all night, with unpleasant dreams (sixth night),[7].—[590.] Sleep broken by disagreeable dreams; arose earlier than usual not refreshed by sleep (first day),[13].—Troublesome and disagreeable dreams (sixth night),[15].—Frightful and laborious dreams (fourteenth night),[6].

Fever.—Chilliness. Chilliness (seventeenth day),[13].—Chilly feeling all over the body (second day),[9].—A little chilly (second day),[13].—*Chills* running *from the face downwards*, with a congested and constricted feeling of the chest, as if too narrow, and might be relieved by letting out some of the blood,[13].—Sudden chills, not followed by fever, but with fulness of the head (after 12 drops),[10].—Severe chill towards evening, causing great pain in and about the heart, going through into the back under the scapulæ;

the pain is constrictive, the heart feels as if it were squeezed in a vice; the blood seems to have all gone to the heart, causing a feeling as though I must bend double; I can hardly walk straight going home; the heart fairly shakes with the cold, although the weather is mild (third day),[9].—Chilliness over the face, followed by fever, congestion to the chest, and slight momentary spasmodic twitchings around the heart, during the forenoon (fifth day),[13].—[**600.**] Cold chills in the back, particularly after going to bed at night, with hot flushes toward morning (twelfth day),[5a].—Cold chills run over the face; chillier than in cold weather, with hot congested sensation in the chest (first day),[13].—Creeping chills down the back, every night on going to bed, for a month (after two weeks),[8].—Extremities cold and clammy (after 12 drops),[10].—Cold feet and hands (forty-third day),[5].—Cold hands and feet, and cold sweat on both most of the time, particularly so when having fluttering of the heart,[14].—Cold hands and feet; perspiration, indeed, so profuse that they were constantly wet with cold, clammy sweat,[10].—Everything in the least exciting produces cold hands (fourth day),[10].—Coldness of the outer side of the left leg, as though cold wind was blowing upon it,[2].—Coldness of the feet (twenty-eighth day),[6].—[**610.**] A cold feeling in the back, as if cold water were poured upon it, on going to bed (eleventh night),[5a].—***Heat.*** Great heat,[3].—Great heat and general lassitude, in the afternoon (sixteenth day),[6].—Burning hot the whole night, with queer half-waking dreams (fourteenth day),[13].—Slight feverish symptoms (second and third days),[1].—Heat, and full bloated feeling of face and head,[14].—Heat in the hands continuing through the night, with perspiration (after eight hours, twenty-first day),[6].—Heat in the hands, arms, and lower limbs, with general restlessness; a feeling of outward pressure, as if the blood would burst through the veins (eleventh night),[6].—Heat in the palms of the hands and soles of the feet, extending thence up the limbs, with restlessness through the night (twelfth night),[6].—Heat in the lower limbs, with restless movements (after eight hours, twenty-first day),[6].—[**620.**] Great heat in the hands, arms, feet, and legs, with strong desire to put them out of bed into the cool air (twentieth night),[6].—Great heat in the arms and legs, with pulsation of the bloodvessels, in the early part of the night (fourteenth night),[6].—Burning heat in palms of hands and soles of feet, extending thence up and over the whole limbs, with general restlessness of whole system, at 5 P.M. (after nine hours); greatly increasing in the evening and after going to bed, with constant searching for a cool place in bed, or desire to put them out into the cool air, which temporarily relieved the burning and restlessness (eighth, ninth, tenth, and fifteenth days),[6].—Hot hands (after six hours, twenty-third day),[6].—Feet and hands hot (seventeenth day),[6].—Very hot hands (after 2 P.M., twenty-fourth day),[6].—Fever heat of the extremities through the night (sixteenth night),[6].—***Sweat.*** Cold perspiration on back of hands and on feet, with fainting feeling in a warm room (after forty-three days),[5].—Much sweating in the axillæ, especially in the right, a symptom never previously noticed,[7].—Moisture of the palms of the hands (fourteenth night),[6].

Conditions. — **Aggravation.** — (*Morning*), Diarrhœa; early, dull headache; twinges, etc., in chest; pain in mamma; when moving, drawing in sacrum.—(*Forenoon*), Chilliness over face, etc.—(*Afternoon*), About 5 o'clock, all symptoms; obtuseness; towards evening, pain in temple; from 3 to 5 o'clock, pressing down, etc., around pubes, etc.; congestion of chest; lassitude, etc.; pulsations over body, etc.; towards evening, chilly; heat, etc.—(*Evening*), The symptoms; irritable; headache; hot pain in forehead;

frontal headache; in warm room, sensation from temple to temple; burning in forehead; hacking cough; oppressive feeling in chest; after going to bed, restlessness.—(*Night*), *From about* 5 P.M. *to* 8 A.M., *all symptoms;* excitement; despondency; after going to bed, confusion in head; heat, etc., in forehead; pain in eyes; towards morning, feeling in lower chest; in bed, heaviness in region of heart, etc.; when lying down, pain in region of heart; in bed, pain in back; pains through hip, etc.; after lying down, aching in knees; *after going to bed, chills in back,* etc.; heat, etc.; heat in hands, etc.; heat of extremities.—(*Walking in open air*), Headache, etc.—(*After eating*), Nausea.—(*Giving up self-control*), All symptoms.—(*Lying down*), Constriction in side of chest; pain in mamma, etc.—(*Pressure*), Pain in temples.—(*Walking*), Pain in temple.—(*After ceasing to walk*), The pains.

Amelioration.—(*Evening*), At sunset, headache, etc.—(*Fresh air*), Most symptoms; cough.—(*Keeping busy*), The symptoms; pain in side of head; heart symptoms.—(*Motion*), Pain in iliac region.—(*Pressure*), Fulness in temporal and frontal regions.—(*Warm room*), All symptoms.

LIMULUS.

Limulus cyclops, Fabricius. (Polyphemus occidentalis, Lamarck; under which name it is figured and described in the Nat. Hist. of New York); Limulus polyphemus, Say.

Class, Crustacea. *Order,* Poecilopoda.

Common name, Horse-foot, Sauce-pan; early colonial name, King crab.

Preparation, Triturations of the dried blood.

Authorities. Provings from Hering's Amer. Arzneiprüfungen. **1,** effects of triturating the dried blood; **2,** took 1 grain of 1st cent. trit.; **2** *b,* same, repeated; **3,** took 2 or 3 drops of the blood, in the evening; **4,** took (the year after) 1 grain of 1st trit.; **5,** Lippe, effects of making 1st trit.; **6,** Blumenthal, 1 grain of first trit.; **7,** N. N. took 1st trit., afterwards 2d, and in the evening the 1st trit. again, next day the 2d trit., and afterwards the 3d trit.; **8,** Litty, took the 3d trit.; **9,** Dr. Litty's son, aged 17, took a few grains of 2d trit.

Mind.—Very indifferent mood, with constant confusion of the head (first day),[2].—Desire for nothing (first day),[4].—The great disinclination to work, and inability to accomplish much, which he had experienced since the sea-bath, disappeared completely during the day, and gave place to mental quiet and steadiness, with constancy and perseverance in performing very irksome duties (first day),[2b].—(It was very difficult to recollect names),[4].

Head.—Confusion. Confusion of the head (third day),[6].—Confusion in the head over the eyes, with coryza,[2].—Confusion in the head and stitches increasing in the evening (after seven hours),[2b].—Confusion of the head, especially at the sides and back of the head, with fluent catarrh (after one hour),[2].—Confusion of the head, and pressure, at first over the whole forehead, and then only on the right side; five to ten minutes later a pain in the articulation of the left great toe,[1].—[**10.**] Confusion of the head, with indifference,[2].—Confusion of the whole head alternates with dulness and heat of the face; together with a dull feeling over the whole body, especially in the abdomen, where it increases to a kind of burning, in the evening (first day),[2].—***General Head.*** Stool followed by headache (first day),[2].—Pressure in the head in the morning (fourth day),[2b].—Pres-

sure in the head, on going to bed, at night,[8].—Pressure behind and above the glabella, then farther up on the right side; half an hour later pressure on the right side, posteriorly in the organ of amativeness, in the evening (first day),[2].—Pressure in the head, relieved after running from the nose,[2].—***Forehead.*** A feeling of warmth in the right side of the forehead,[1].—***Parietals.*** Violent pain in the left side of the head (after four hours),[2].—Violent pain in the right side of the head, in "locality;" the right side of the head remains confused (after fifty-five minutes),[1].—[20.] Pressure on the right side of the head, in the evening (first day),[2].—Pressure in the right side of the head, deep internally, extending back and forth several times during the day (first day),[4].

Eye.—A feeling of warmth above the eyes,[1].—Pain about the eyes deep in the bones (first day),[2].—Violent pains drawing back and forth behind the left eyeball (after one hour and a half),[2b].—Pressure in a small spot behind the left eye below the ball,[1].—Lachrymation of the eyes,[4].—Lachrymation of the right eye (first and second days),[2b].

Ear.—Annoying sensation of something deep within both ears, which, however, was rather agreeable,[8].—Stopped sensation deep in the right ear in the evening (first day),[2].—[30.] Bubbling deep in the right ear,[1].

Nose.—Sneezing and fluent coryza all day,[4].—Sneezing, dulness above the eyes, and a sick feeling in all the limbs, followed by thin mucus from the left nostril, and less confusion in the head; headache and heaviness of the limbs, in the evening (first day); next morning the coryza was still in full blast,[2].—Forcible sneezing (after one hour),[5].—Constant trickling from the nose (second day),[2b].—Running from the nose renewed after a glass of cold water; a feeling of heat in the face and over the whole body, as in fever; after awhile prickling as in perspiration, with only moist skin (second day),[2b].—Fluent catarrh of the left side, with less confusion of the head (after half an hour),[1]; and with sneezing,[2].—Fluent coryza and chilliness, in the evening (fourth day),[2b].—Snuff has a greater effect than usual, in the evening (first day),[2].

Face.—Lines in the face, as in a dying person (in a kind of cholera),[9].—[40.] Rush of blood to the face,[2].—Jerking pain in the left side of the upper jaw, in the evening (first day),[2].

Mouth.—Teeth. Jerking in the last upper back teeth,[1].—Grumbling in the teeth continues the fourth day,[2b].—Frequent gnawing pain in the last upper back teeth, now in the right, now in the left side (second day),[2b].—***General Mouth.*** Mouth slimy, with small, pasty, insufficient stools, in the morning (second day),[2b].—***Taste.*** Metallic taste of the drug, and a general sensation as if he had taken medicine,[8].—Sweetish taste in the mouth, coming from both sides, as if from the teeth (after one hour),[1].—Earthy taste extending back into the palate (while triturating),[1].

Throat.—Much hawking,[3].

Stomach.—[50.] Pain in the pit of the stomach,[3].—Pressure in the pit of the stomach, and decided heat of the face (after forty minutes),[1].—Eructations of water tasting like bad eggs,[7].—Decided nausea, with general perspiration,[5].—Deathlike nausea and a kind of cholera,[9].—Deathly nausea (after fifteen minutes); he became as white and cold as marble; constant vomiting and diarrhœa; the lines of the face as in a dying person,[9].

Abdomen.—Frequent emission of much odorless flatus, in the evening (second day),[2b].—Profuse emission of loud, very offensive flatus (after one hour),[5].—Pain here and there in all places in the abdomen,[1].—Diar-

rhœa-like sensation in the abdomen (immediately),[2b].—[60.] Warmth and a painful sensation in the abdomen (after fifty minutes),[1].—Feeling of heat in the abdomen,[5].—*Heat, burning, and constriction in the abdomen* (second day),[6].—Cramplike pain in the abdomen (second day), not so marked (third day),[6].—Aching in the abdomen, during and after a thin stool (first day),[2b].—Aching deep in the abdomen, followed by weariness in the limbs, sneezing and fluent coryza of the left side (immediately),[2].—Aching in the abdomen disappears without desire for stool (after one hour),[2].—Aching in various places in the left side of the abdomen all the afternoon (first day),[2]. Colic during and after a thin stool (second day),[2b].—Cutting colic, with a feeling of heat in the abdomen (after one hour),[5].—[70.] Sensation as though he had a dissolving acid in the intestines, and all the pains seemed to be caused thereby; as though he had a gangrene in the stomach, and then burning in the intestines,[7].

Anus.—Objective. A painful swelling as thick as a finger, and very hard nodes like peas in the left side of the anus; he was obliged to lie with the limbs spread apart,[4].—Hæmorrhoids on the left side of the anus, following a hard, nodular, lumpy stool, evacuated with pressure, aggravated by riding in a carriage, very painful at night on going out (eighth day),[4]. —***Subjective.*** Burning and constriction in the anus (second day),[6].—A cooling-burning pain in small spots in the anus (after one hour and a half),[2]. —Frequent painful constriction in the sphincter ani,[4].—A sore pain in various spots in the anus, with a pasty stool (second day),[4].—Urging to stool, from 6 to 7 P.M., only wind passed (fifth day),[2b].

Stool.—Diarrhœa. Two diarrhœa-like stools, greenish-gray, without pain (first morning),[3].—Stool very watery towards the end (he had not had a watery stool for several weeks); followed by tenesmus and cutting colic, alternating with a sensation of heat in the abdomen (after one hour),[5]. —[80.] Stool painful, thin,[7].—Stool as thin as water; great urging, but nothing more was passed,[7].—Desire for stool, with discharge of a small quantity of thin fæces, with some rumbling and pain before and afterwards, in the morning (second day),[2].—Stool soft, with pain in the anus, protrusion of the hæmorrhoids, with a somewhat sore spot internally (fourth day),[4].—Desire for stool, which is thin, brownish, pasty, accompanied and followed by colic, at 10 P.M. (first day),[2b].—Stool pasty, with sore pain in various places in the anus, in the afternoon (second day),[4].—Stool small, pasty, insufficient, in the morning,[2b].—The stool which he feels while sitting would not pass; soon afterwards it was evacuated and was pasty,[4].—Desire for stool after dinner; only wind, and after much pressing a few lumps; headache caused by the straining (first day),[2].—Discharge of some fecal masses, after much pressing,[1].—[90.] (Stool three-sided, prismatic, every other day, with the hæmorrhoids),[4].—Hard stool (third day),[6].—***Constipation.*** He feels the stool in the bowels long before the evacuation, as if he were unable to evacuate it (second day),[4].—Stool omitted in the morning (second day),[4 6].

Sexual Organs.—Burning on the left side of the scrotum,[1].—Increase of sexual desire and power; but more difficult emission of semen (fifth day),[4].—Emission wanting during coition in the evening (first day),[2]; (third day),[4].

Respiratory Organs.—Voice. Voice husky, was frequently obliged to hawk, in the evening (first day),[2].—Voice husky; must constantly hawk, though the voice remains weak and hoarse, with difficult respiration, in the evening (second day),[2b].—***Cough.*** Cough during the

afternoon sleep repeatedly waking him (first day),[4].—[100.] Sudden violent cough (after seven hours and a half),[2b].—***Respiration.*** Respiratory troubles after drinking water, in the afternoon and repeatedly afterwards (fifth day),[4].—Difficulty of breathing after drinking water (fifth day),[4].—Difficult breathing, with headache in the forehead (first day),[2].—Constant difficult breathing in the evening (second day),[2b].—A peculiar difficulty of breathing in the lower part of the chest, as if there were an impediment below the diaphragm, so that he cannot take a deep breath, even when outstretched, as if there it were too full, in the afternoon; better in the evening (fourth day),[4].

Chest.—A pain, frequently repeated, deep in the left chest, an inch to the side of the nipple and about an inch deep; lasting from ten to twelve hours (after two to three hours),[2]; again (after one hour and a half, and in the evening),[2b].—Oppression of the chest, weakness, and yawning,[2b].—Suffocative swelling up in the middle of the chest, behind the sternum, taking away the breath, and when violent becoming painful, as from the beating of waves in the aorta (after forty-five minutes),[1].—Violent pain below the sternum (which he had never had, nor anything like it), seeming like a transient cutting from above downward, and from right to left; especially on stretching out the right arm; in the forenoon, then at noon, then at 2 o'clock (sixth day),[2b].

Back.—[110.] Pain in the back (second day),[6].—Pains in the small of the back and loins; a bruised feeling on bending backwards (from taking cold?), (third day),[4].

Extremities in General.—Weariness in the limbs,[2].—Sick feeling in all the limbs, with coryza; feels relieved when it becomes fluent,[2].—Cramplike sensation in the limbs (second day),[6].

Superior Extremities.—Violent pain in the metacarpal bone of the left hand; then a kind of shivering and coldness, with headache above the eyes,[1]; again in the hands,[2b].

Inferior Extremities.—Painful sensation of fulness in the lower limbs,[2].—Pain in the right hip-joint, posteriorly, as if dislocated; especially sensitive on certain motions and positions, even while sitting, at 6 P.M. (second day); on the fourth day it was very deeply seated, and farther backward, as if behind the joint; sometimes worse when stooping, very troublesome on getting into a coach,[2b].—Violent bruised pain in both hip-joints, worse in the left (third day),[4].—Great weariness in the knees and above them (after four hours),[2].—[120.] Violent sticking, cramplike pain in the middle of the leg beneath the right groin, in the evening (second day),[2].—The soles of the feet and heels ache from standing and walking (first day); especially the right heel feels benumbed on stamping upon it (second day),[2b].—Remarkably sore pain in both heels, when walking and stepping (third day),[4].—Pain in the joint of the left great toe (after five to ten minutes),[1 2b].

General Symptoms.—Objective. Relaxation of mind and body,[7].—Very weary; could scarcely sit towards evening; must lie down; went to bed at 9 o'clock,[4].—Sudden great weakness and disinclination to work, even in the open air, the whole afternoon (after three hours),[2b].—Excessive weakness, especially of the limbs (third day),[6].—Most extreme exhaustion of body, and just as much mental fatigue, with inclination to yawn and stretch,[7].—***Subjective.*** The heat of the day at noon was intolerable,[4].—[130.] Very well feeling (after half an hour),[2b].—Inclination to stretch,[2].—Confused feeling of the whole body; in the abdomen it increases to heat

and a kind of burning, in the evening (first day),[2].—Singular feeling of dulness over the whole body, as if the nerves were too full,[1].—A peculiar feeling as if possessed; above all, here and there pains, which cannot be described; they are at first to be compared with streaks of heat (first day),[2]. —A cooling weary sensation and confusion of the head,[2].—Much yawning, oppression of the chest and weakness, that compelled him to lie down in the evening,[2b].—Frequent rush of blood to the face and *painful fulness of the whole right half of the body*, especially here and there, and in the lower extremities (first day),[2].

Skin.—Objective. Burning spots, here and there, continuing all the evening (after four hours, first day),[2].—Burning-itching points, here and there, immediately,[2].—[140.] Small burning-itching spots, especially on the face and shoulder, more on the left side,[1].—Small burning-itching spots in the face,[1].—Small brownish spots on the backs of both hands; examined through the magnifying glass they looked like small rugose spots, as if warts would form; some spots are somewhat more elevated than others (third day),[4].—A white spot with a darker areola, like the beginning of lepra, on the back of the fourth finger between the second and third knuckles (third day),[4].—A red, very fine eruption, itching but little, in the bend of the elbow (fifth day),[4].—Itching and eruption like small weals on the left shoulder and in the hollow of both knees, lasting for more than a week, especially on the right side,[2b].—Numerous red pimples in the skin of the right side of the face, as if an acne would form (third day),[4].—Small reddish vesicles between the knuckles of the right third and fourth fingers, and afterwards in the left hand on the radial side of the fourth finger, preceded by violent itching and scratching (second day),[2].—Eruption on the hands, small itching vesicles, especially on the backs of the fingers, most on both fourth fingers (third to fifth and following days),[4].—***Subjective.*** Prickling as in perspiration, with only a moist skin (second day),[2b].—[150.] Violent itching in the hollow of the left knee (first and second days),[2b]; lasting a week in both, continuing still longer in the right,[2b 3].

Sleep.—Inclination to yawn and stretch,[7].—Much yawning, with weakness, in the evening,[2b].—Frequent very deep yawning, with inclination to stretch, followed by a cooling weary sensation and confusion of the head,[2]. —Sleep and sleepiness, all day (third day),[6].—Sleep at night bad,[8].

Fever.—Chilliness. Chilliness with constant trickling from the nose (second day),[2b].—Chilliness with fluent coryza,[2b].—A kind of coldness and shivering,[1].—Cold and white like marble, in cholera,[9].—***Heat.*** [160.] Feeling of heat in the face and over the whole body (second day),[2b].— Feeling of heat in the face, in the afternoon (fourth day),[2b].—Reflection causes heat of the face, in the evening (first day),[2].—Heat in the face, alternating with confusion of the head, in the evening (first day),[2].—Heat of the face, with palpitation,[1].—The general confusion of the whole body increased to heat and burning in the abdomen,[2].—Constant heat in the face, especially after motion and thought, in the afternoon and evening (first day),[2].—Burning in the palms of the hands (second day),[6].—***Sweat.*** General perspiration with nausea,[5].

Conditions.—Aggravation.—(*Afternoon*), Difficulty of breathing; heat in face.—(*Evening*), Confusion in head, etc.; coryza, etc.—(*Night*), On going to bed, pressure in head; on going out, pain in hæmorrhoids.— (*Drinking water*), Respiratory troubles.

LINARIA.

Linaria vulgaris, Mill.

Natural order, Scrophulariaceæ.

Common names, Butter and eggs, Toad-flax; (G.), Frauenflachs, Leinkraut.

Preparation, Tincture of the plant.

Authorities. **1**, Dr. Muller, Zeit. d. Ver. d. Hom. Œst., 1857, vol. 1, p. 41, effects of 10 drops of tincture; **2**, Jenicek A., same, vol. 2, p. 296, effects of repeated doses of 5 to 30 drops of tincture; **3**, Maria St., aged 32, took repeated doses, 5 to 8 drops, ibid.; **4**, Dr. Raidl, took 5 to 30 drops of tincture, ibid.

Mind.—Emotional. Peevish mood,[4].—Indifference (first day),[3].—***Intellectual.*** General dulness (first day),[3].—Stupid, feeling of indifference, ill-humor, with dull pain in the forehead, with heat after the sleep, lasting till night,[2].

Head.—Confusion of the head (after 10 drops),[4].—Confusion of the head, with irresistible sleepiness (first day),[3].—Head very much confused all day (after 20 drops),[4].—Pressure in the frontal region (after 20 drops),[4].

Mouth.—Dryness of the tongue, in the morning on waking, associated with some thirst, so that I desired to drink water before rising, which was very unusual; water, however, did not have a good taste, it seemed to have something rough in it, and I noticed that it glided unpleasantly over the tongue, and in fact, an examination showed that the taste-papillæ were somewhat elevated,[1].—[**10.**] Tongue dry, with a prickling sensation along its margins and tip (after 20 drops),[4].—A burning prickling sensation on the tongue that extended down into the throat and caused a tickling irritation to cough, on smoking the first cigar in the morning; I was scarcely able to continue smoking,[1].—Increased secretion of saliva, which causes frequent spitting,[2].—Taste of blood in the mouth,[1].

Throat.—Feeling of constriction in the throat,[2]; (second day),[3].—Sensation of constriction in the throat, as if a ball were lodged in it which should be swallowed,[3].

Stomach.—Appetite. Appetite diminished (first day),[3]; (after 10 drops),[4].—Loss of appetite,[4].—***Thirst.*** Thirst (after 20 drops),[4].—***Eructation.*** Frequent eructations,[2]; (first day),[3].—[**20.**] Frequent eructations preceding and following the usual stool (after one hour, first day),[3].—Empty eructations (after fifteen minutes),[4].—Eructations of odorless air; afterwards also of water,[3].—Eructations of odorless air, with some discomfort, nausea, and frequent involuntary shivering of the whole body (after half an hour),[2].—Sweetish eructations,[1].—Frequent bitter eructations (after 20 drops),[4].—***Nausea and Vomiting.*** Nausea,[2].—General sick feeling, with sleepiness and sleep for two hours, between 10 and 12 in the forenoon,[2].—Inclination to vomit (first day),[3].—Vomiting of thin mucous substances, followed by disappearance of all the gastric symptoms (first day),[3].—***Stomach.*** [**30.**] Pressure in the stomach,[3].—Pressure in the stomach, with frequent eructations,[2].—Pressure in the epigastric region (after 20 drops),[4].—Very acute pressure in the stomach, aggravated by touch,[2].

Abdomen.—Griping about the umbilicus, which, from time to time, increases in intensity (after 20 drops),[4].—Rumbling in the intestines (first day),[3].—Rumbling in the abdomen, and in the course of two hours, four

watery stools, with very little bile-pigment (after 20 drops),[4].—Flatulence causes an uneasy sensation in the abdomen,[1].—Griping in the abdomen, followed after half an hour by a watery stool (after 10 drops),[4].—Griping in the intestines, followed after an hour by the usual stool (after fifteen minutes),[4].

Anus.—[40.] Burning in the anus,[4].

Stool.—Diarrhœa; stools thin, four times (second day),[3].—Ten watery stools, containing very little bile-pigment, with emission of much flatus (after 30 drops),[4].—Seven watery stools of a very pale color, with emission of much flatus (after second dose of 30 drops),[4].—Four thin stools during the day,[2].—Three thin stools in one morning,[2].—Very dark-colored fæces,[1].

Urinary Organs.—Great desire to urinate, with frequent micturition; urine increased in quantity and frothy, but unchanged in other respects (first night),[1].—Copious secretion of urine,[1].—Urine diminished in quantity, and of a dark color,[4].—[50.] Urine very high-colored, like dark beer, and passed more frequently than usual,[2].

Sexual Organs.—Menstruation a few days earlier than usual,[3].—Menstruation which had just ceased returned the same day that she took a new dose,[3].

Chest.—Oppression of the chest that made respiration difficult, and caused cough; violent paroxysms of cough, so that at times I was obliged to stand quite still, in order the more easily to cough it out, and regain my breath,[1].—Transient stitches in the chest,[2].—Transient stitches, here and there, deep in the chest and abdomen (first day),[3].

General Symptoms.—General prostration,[4].—Symptoms were relieved for a short time after taking tea with milk (renewed quite severely and persistently on walking in the open air),[1].

Skin.—Itching on the throat, chest, and upper part of the back,[4].

Sleep.—Frequent yawning and stretching of the limbs, with a feeling of weakness and prostration (first day),[3].—[60.] Sleepiness,[4].—Irresistible sleepiness (first day),[3].—Sleep the forepart of the night quiet and refreshing, on waking felt invigorated, so that it seemed as though he had slept the whole night until late in the morning, and he was quite astonished to find that it was only half past twelve; the remainder of the night was sleepless, with confused dreams towards morning,[1].

Fever.—Coldness (first day),[3].—Alternations of chill and heat (first day),[3].

Conditions. — **Aggravation.** — (*Morning*), On rising, dryness of tongue, etc.; (*Forenoon*), Between 10 and 12 o'clock, sick feeling.—(*Walking in open air*), The symptoms,[1].

Amelioration.—(*Tea with milk*), The symptoms,[1].

LINUM.

Linum catharticum, Linn.

Natural order, Lineæ.

Common name, Purging Flax.

Preparation, Tincture of whole plant.

Authorities. (Dr. James Gelston's provings, Br. Jour. of Hom., 16, 147.) **1**, Dr. Stokes took repeated doses of the infusion; **1** *a*, same, took 1st cent. dil., repeated doses, first, second, fifth, sixth, and ninth days; tincture, tenth, eleventh, twelfth, and thirteenth days (1 and 2 drachm doses); **2**,

J. F., took infusion; **3**, Mrs. G. (nursing a baby), took infusion; baby similarly affected; **3** *a*, same took tincture; **4**, J. Gelston, took infusion first, second, third, fourth, seventh, eighth, and ninth days; **4** *a*, same, took large doses of 1st dil. first, third, fourth, fifth, sixth, seventh, eighth, and tenth days (on sixteenth day took 2 drops of tincture of Sumbul, and at night 10 grains of Rhubarb; eighteenth day took 4 drops of Sumbul; nineteenth day Nux vom. before breakfast, and ½ ounce of Rochelle salts at 10 P.M.); **4** *b*, same, subsequent proving with tincture and infusion, 30 to 80 drop-doses of tincture, ½-ounce doses of infusion; **4** *c*, same, proving with tincture in water, 10, and afterwards 100 drops to 4 ounces, teaspoonful doses; **5**, J. M., subject to præcordial pain, year previous had an attack of hæmatemesis, took of same mixture as last, three or four times a day, a teaspoonful, five days.

Mind.—Depression of spirits (fourth day),[4].—Dulness and depression of spirits (second day),[4].—Affected the temper, irritable,[3a]; (first day),[4b].

Head.—Confusion. After sleeping an hour and a half, confusion of the head; a feeling of malaise, as from taking a cold (second day),[4].—***General Head.*** Slight excitement of the head in the evening (second day),[1].—Fulness of blood in head (twelfth and thirteenth days),[4a].—Congestion and vertigo on throwing head backwards (sixth day),[4].—Congestive cephalalgia all day (second day),[4c].—Congestive headache, left side especially, better in open air (third day),[4c].—[**10.**] Dull head at night (second day),[4c].—Headache (third day),[5]; (fifth day),[4]; (eleventh day),[4a].—Headache, slight,[2].—Dull headache in afternoon (twelfth and thirteenth days),[4a]; at night (sixth day),[4].—Headache on raising the head (sixth day),[4].—Headache lessened in the open air (second day),[4].—Headache less after eating (sixth day),[4].—***Forehead.*** Frontal headache (fourth day),[4].—Severe frontal headache, obliging to lie down after dinner; took for this 2 drops of Bell. *θ*, but this having no efficacy, in afternoon tried 3 drops of Sulph. *θ* in ℥ij of water, a spoonful every two or three hours; found much relief from this (twentieth day),[4a].—Congestive frontal headache (second day),[4].—[**20.**] Congestive headache, as of weight in forehead (sixth day),[4a].—Slight, dull frontal headache (fifth day),[4a].—Dull headache, as of a weight in brow, worse on holding his head backward and after reading (first day),[4b].—***Temples.*** Severe pressive pain in both temples, temporary, in the evening (eleventh day),[1a].—Lancinating pains in right temple (second day),[4].—***Sides.*** Fulness of the head at the region of the ear, worse out of doors, in the evening (second day),[1].

Ear.—Singing in the left ear for some hours in the evening (second day),[1].

Nose.—Sneezing (nine hours after second dose, second day); at night, (ninth day),[4].—Mucus from nose occasionally rose color (tenth day),[4a].—Fluent coryza (twelfth day),[1a].—[**30.**] Nose stopped (tenth day),[4b].—Nose quite stopped (fourteenth day); nose stuffed (fifteenth day); the stoppage of the nose (which had been continuous till now) much less (twentieth day),[4a].—Nose stuffed (twelfth day); nose stuffed, and running a clear mucus, profuse, from one nostril for several days, and then from the other, without any farther symptoms of catarrh (after thirteen days),[1a].—Stuffing of the nose towards night (ninth day),[4].

Mouth.—Teeth. Odontalgia (second day),[4].—***Tongue.*** Tongue furred (after second dose, third day),[4].—Tongue much furred (fourth morning),[4].—Tongue deeply furred (second day),[1].—Tongue foul,[3a].—***General Mouth.*** Dryness of the mouth, without thirst (second day),[4].—[**40.**]

Much scraping at the arch of the palate and larynx, with hawking of mucus, all day (third day),[1].—***Taste.*** Insipidity (second day),[4].—Taste insipid (after second dose, third day),[4].—Clammy taste; taste of the medicine (second day),[4].—Foul taste (second day),[4c].—Foul, clammy taste, as of something stinking in stomach (third day),[4c].—Bilious taste,[3a]; in evening (second day),[1].—Sick, bilious taste (third day),[5].

Throat.—Objective. Slight catarrhal symptoms in the throat and larynx; hawking (tenth day); catarrh increases (eleventh day),[1a].—Much hawking of yellow mucus, sometimes tinged with blood (fourteenth day),[4a]. —[50.] Hawking of sanguineous mucus (ninth day),[4a].—***Subjective.*** Slight heat in the throat in the afternoon; increased in the evening (second day),[1].—Rawness in the throat when out in open air after breakfast (third day),[4].

Stomach.—Appetite. Impaired appetite (second day),[4]; (third day),[4c].—Little appetite (sixth day),[4].—***Eructation.*** Eructations tasting of bile all day (third day),[1].—Rising of food in the evening (second day),[1].—***Nausea.*** Sick after supper (fifth day),[4a].—***Stomach.*** Repletion (third day),[1].—Pressive pains in the stomach in the forenoon (second day),[1].

Abdomen.—Umbilical. [60.] Slight uneasiness at umbilicus (two hours after first dose),[4].—Pain at umbilicus and desire for stool at noon (nineteenth day),[4a].—Some griping pains about the umbilicus for some days (after twelve days),[4].—Dull pain below umbilicus (after third dose, third day),[4].—***General Abdomen.*** Rumbling in bowels (fourth and fifth days; after third dose, third day),[4]; (eighteenth day),[4a].—Rumbling in the bowels and slight uneasiness, soon (after first dose, second day),[4].—Great rumbling all day (nineteenth day),[4a].—Bowels flatulent (seventh and eighth days),[1a].—Much wind (sixteenth day),[4a].—Flatus (seventeenth day),[4a]. —[70.] Passed a good deal of flatus (ten hours after second dose),[1a].—Pressing downwards with abdominal muscles; incarcerated flatus displaced, with rumbling; in evening (first day),[4].—Uneasiness in the belly between 7 and 8 P.M. (nine hours after second dose),[1a].—Feeling of uneasiness in bowels, as of call to stool (fifteenth day),[4a].—Pains in bowels (third day),[5]; (fourth day),[4]; (twentieth day),[4a].—Slight pains in the bowels (sixth day),[4]. —Bowels full and uneasy in the evening (eleventh day),[1a].—Abdomen felt rather full in the evening (first day); all the morning before rising (second day),[1].—Feeling of distension (sixteenth day),[4a].—Griping pains in the bowels,[3a]; occasionally (tenth day),[4].—[80.] Griping pains (after two hours), and towards night, with ineffectual efforts at stool (ninth day),[4].—Some griping and rumbling (seventh day),[4].—Occasional gripes and distension of the belly, especially after food, troublesome (nineteenth day),[4a].—Slight gripes (eleventh and twelfth days),[4].—Colicky pains, soon (after third dose, second day),[4].—Colicky pains and inclination to stool, without effect (second day),[4].—Colicky pains for some hours, followed by purging and tenesmus, with griping,[3].—Colicky pains below umbilicus, with tormina, continued half an hour, with solicitation to stool (resisted), (ten minutes after third dose),[4].—Abdomen tender on pressure (seventh day),[4b].—Griping in lower belly (after third dose, third day),[4].

Rectum and Anus.—[90.] Much griping and urging downwards of the rectum (seventeenth day),[4a].—At night, pressing at the rectum, as if swollen (sixteenth day),[4a].—Smarting at anus after stool (seventeenth day),[4a].—Smarting-stinging at the anus, as if piles were coming, in the evening (eleventh day),[1a].—Urging to stool (resisted), (after third dose,

third day),[4].—Once or twice a feeling of haste to stool (after nearly four weeks),[1a].—Tenesmus (eighteenth day),[4a].

Stool.—Diarrhœa. Some purging, with colic,[2].—Several motions of small slender-formed fæces (fifteenth day),[4a].—Free motion (fourth day),[4c]; (seventh and eighth days),[1a].—[**100.**] Stools free; considerable urgency, necessity to obey the call instanter; the rectum seemed to have little grasp of the fæces, which passed as if pushed out from the colon (fourth day),[1].—Stool loose, without pain, in the morning (second day),[1a].—Uneasiness in the abdomen, followed by a very loose, bright-yellow, mucous stool, with some urging, in the forenoon (second day),[1].—Much griping, and great urgency to get to stool quick; immediately after dinner, at 1.30 P.M., a very loose, bright-yellow motion; at 9 P.M. griping recurred, and quick, scouring motion, with copious urine (as previously), (eighth day),[4].—A fluid motion, with tenesmus (half an hour after Rochelle salt, nineteenth day),[4a].—Copious feculent formed stool (seventeenth day),[4a].—Urgency to evacuate the bowels; fæces solid, copious (half an hour after third dose, second day),[4].—Soft stool (ten hours after second dose),[1a]; at night (eleventh day),[2].—Full, soft stool, with some urging; feeling as if more should be evacuated; in the evening (eleventh day),[1a].—Urgency to stool; fæces soft, but formed (one hour after first dose, third day),[4].—[**110.**] Stool soft and bilious (fifth day),[1a].—Urgent call after breakfast; rectum felt very distended; copious, soft motion, well mixed with bile (second day),[1].—Soft, scanty motion, with urging to stool, at 8 P.M. (third day),[1].—Stool of slender fæces, with downward urging; second stool, two or three hours after, scanty, large-sized fæces (twentieth day),[4a].—Feculent stool of slender coils, sinking to bottom of utensil, contrary to previous observation (after two hours, ninth day),[4].—Stool at night, with pressing down (fifth night),[4].—Frequent desire to evacuate the bowels; a mere trace of fæces, with a little mucus (eighteenth day),[4a].—Motions hard and dry, though copious (ninth day),[1a].—Difficult stool, with pressing down of rectum; fæces covered with epithelial-like shreds, resembling worms; gelatinous mucus in form of rolls, like inkle tape; in evening (seventh day),[4].—Colicky, very scanty stool, with rumbling (seventh day),[4b].—***Constipation.*** [**120.**] Constipation for several days,[3a].—Bowels rather constipated up to seventh day (after four days),[4c].—Bowels continued costive ever since leaving off the medicine (on the tenth day); once in two or three days, hard stools (fifteenth day),[4a].—Bowels continued costive for several days, then relaxed with pressive force of rectum, then alternately costive and relaxed (eleventh and twelfth days),[4b].—Bowels costive (second day),[4c 5].—Bowels costive; stool scanty at night (sixth day),[4].—Bowels slightly costive for two days (after thirteen days),[1a].—Costive stool (sixth day),[4a]; (eighth day),[4b].—Costive stool, with much pressure (third day),[4b].—Copious costive stool, with great pressing down (bread mixed with bran had been used), (tenth day),[4b].—[**130.**] Bowels quite closed (nineteenth day),[4a].—No motion till evening (seventeenth day),[4a].—No motion from bowels for three days (fourth day),[5].—No motion since taking (third day),[4c].—No stool (fifth day),[4b].

Urinary Organs.—Itching at orifice of urethra (after third dose, third day),[4].—Frequent desire to urinate (thrice made), (after third dose, third day),[4].—Plentiful urine towards night (ninth day),[4].—Urine straw-color, strong-smelling, rather scantier (nine hours after second dose, second day),[4].

Sexual Organs.—Male. Feeble erection (third night),[4].—[**140.**] Diminished sexual desire (third day),[4c].—Slight sexual desire (fifth night),[4].

—Anaphrodisia (third night),[4].—Seminal emission in sleep (nineteenth night),[4a].—Feeble emission (fifth night),[4].—***Female.*** Catamenial period passed with no menses appearing (fourth day); catamenia delayed (sixth to eighth day),[5].

Respiratory Organs.—Voice. Voice hoarse (thirteenth day),[1a]. —***Cough and Expectoration.*** Cough excited in the open air (had a catarrh a week before, which had almost subsided, leaving only a dry, hard cough, especially of a morning), (second day),[4].—Occasional cough (eleventh day),[4a].—Cough at night (fourth day),[5].—[150.] Cough, especially in open air, or returning from (after second dose, third day),[4].—A little hacking cough (fourteenth day),[4a].—Tickling cough in open air (fourth day),[4].—Tickling, teasing cough, and frothy mucous expectoration, when out in open air, after breakfast (third day),[4].—Dry cough (eighth day),[4b].—Dry cough towards night (ninth day),[4].—Hard, dry cough (tenth day),[4].—Dry, tickling cough (third day),[5]; after walking (eleventh day),[4]. —Cough dry, tickling, after walking (eleventh day),[4].—Cough and phlegm (tenth day),[4b].—[160.] Some cough; hacking; much phlegm (tenth day),[4a]. —Loose, short cough, with much phlegm; the phlegm always seems to accumulate in the throat, being readily brought up without hawking; for last three days (sixth day),[4b].—Cough and expectoration of loose, glairy phlegm (second day),[4c].—Difficult expectoration (eighth day),[4b].—Frothy expectoration (second day),[4].—Frothy sputa, tasting as of seawrack (after second dose, third day),[4].—Expectoration, with much difficulty, of frothy and some yellow mucus (tenth day),[4].—***Respiration.*** Respiration 30 (fifth day),[4a].—Slight dyspnœa (tenth day),[4b].

Chest.—Pain in chest increased (first day); gone (fourth day),[5].—[170.] Great pain in the chest, aggravated by any movement, on deep inspiration (after half an hour),[2].—Chest much stuffed (tenth day),[4].—Chest sore (twelfth day),[1a].

Pulse.—Pulse full and quickened (nine hours after second dose, second day),[4].

Superior Extremities.—Slight shooting down the muscles of the arms in the evening (second day),[4b].—Slight shooting pains in left and right shoulder-joints (fourth night),[4].

General Symptoms.—Languor towards night (ninth day),[4].—Tired feeling on waking (eighth morning),[4].—Feeling of weariness and depression (sixth day),[4].—Debility at night (sixth day),[4].

Sleep and Dreams.—Sleepiness. [180.] Inclination to sleep after dinner (second day),[4].—Drowsiness (after first dose, second day); at night (sixth day),[4].—Drowsy after dinner, slept (fourth day),[4].—Drowsy after being awakened (fourth morning),[4].—Prolonged sleep (second morning),[4].—Sleep sound (seventh night),[4].—Sleep profound (second night); (some hours after third dose, third day),[4].—On waking after dinner, supposed it morning (fourth day),[4].—***Sleeplessness.*** Want of sleep (fourth night),[4].—Insomnia (after third dose, third day); (fifth night),[4].—***Dreams.*** [190.] Lascivious dreams (sixth night),[4].—Dreams of travelling to Isle of Man, some danger and trouble (usually dreams of water, but seldom dreams), (second night),[4].—Dreams of cholera (in others), with sloughing off of the prepuce (ninth day),[4].

Fever.—Chilliness. A cold feeling, in shoots, as from a blast of cold air (sixth day),[4b].—***Heat.*** Feverish (second day),[5].—Much heat of body, and perspiration moderate (second night),[4].—***Sweat.*** Perspires freely (first day),[5].

***Conditions.*—Aggravation.**—(*Evening*), Out of doors, fulness in head at region of ear; singing in ear; heat in throat.—(*Night*), Cough; debility.—(*Open air*), After breakfast, rawness in throat; cough.—(*Eating*), Gripes, etc.—(*Reading*), Dull headache.—(*Walking*), Tickling cough.
***Amelioration.*—**(*Open air*), Congestive headache; headache.—(*Eating*), Headache.

LIPPSPRINGE.

The mineral spring in Lippspringe, in Westphalia.

ANALYSIS BY STOCKHARDT (16 OUNCES).

Sodium sulphate,	6.5080 grains.
Sodium chloride,	0.2503 "
Calcium sulphate,	6.3144 "
Calcium carbonate,	3.1995 "
Magnesium chloride,	1.7802 "
Magnesium carbonate,	0.2588 "
Ferrum carbonate,	0.1133 "
Silica,	0.0445 "
Solid constituents,	18.4640

Gases in 100 *Cubic Centimetres of Water.*

Carbonic acid,	16.17 c.c.
Nitrogen,	4.40 "
Oxygen,	0.55 "

Gases freely evolving from 100 *Parts of Water.*

Nitrogen,	82.44 parts.
Carbonic acid,	14 90 "
Oxygen,	2.66 "

Authorities. **1,** Dr. Bolle, A. H. Z., 45, 289, effects of bathing and drinking the waters and inhaling the gases; **2,** same, a woman 48 years old; **3,** same, a girl 16 years old; **4,** same, a woman; **5,** same, A. H. Z., 54, 113, a man; **6,** same, a man; **7,** Dr. Schroeter, A. H. Z., 57, 53, effects on self; **8,** effects on wife.

Mind.—Emotional. Great depression of spirits, with sadness and apprehensiveness (after twenty-four days),[7].—Feeling of great apprehension, while riding in a carriage; a kind of anxiety in the heart, as of impending misfortune, together with a kind of homesickness (third day),[7].—Ill-humored (tenth day),[7].—Very irritable, for three weeks (after forty-seven days),[7].—***Intellectual.*** Desire to write and busy himself intellectually (twelfth day),[7].—Great desire to write (fifteenth day),[7].

Head.—Vertigo. Vertigo, while walking (thirty-five days),[17].—Vertigo, heaviness of the head, and sleepiness, in the forenoon; after eating he was obliged to sleep an hour (fourteenth day),[7].—Violent whirling vertigo,[3].—[**10.**] Dizziness while walking, was obliged to stop (fifty-second day),[7].—Dizziness of the head, with confusion, weak memory, and forgetfulness, and difficult comprehension for several days (thirteenth day),[7].—Feeling of intoxication in the head, towards evening (eighth day),[7].—***Gen-***

eral Head. Headache over the whole head,[3].—Headache, with drawing in the nape of the neck, lasting three to four hours, coming on suddenly,[1]. —***Forehead.*** Pressive pain in the forehead,[3].—***Vertex.*** Drawing-sticking in the right side of the vertex (thirteenth day),[8].—Stitches in the vertex and right ear (twenty-first day),[8].—***Sides.*** Feeling of heaviness in the sides of the head,[1].

Eye.—Redness of the white of the eye, with slight pressure in the eyeball, and lachrymation; disappears after twelve or fifteen hours,[1].—[20.] Flickering before the eyes,[1]; (forty-first day),[7].—Flickering before the eyes, so that he cannot see distinctly (thirty-first day),[7].—Flickering before the eyes like a bright flaming star, preventing distinct vision, especially while reading in a recumbent position (thirty-third day),[7].

Ear.—Violent itching in both ears (seventeenth day),[8].—Violent itching in the ears and nose (forty-sixth day),[7 8].—Roaring in both ears,[2].

Nose.—Violent sneezing, in the evening (thirty-ninth day),[7].—Itching of the nose and anus (fifty-sixth day),[7].—Great itching in the nose (forty-third day),[8].—Violent itching in the nose, so that it seems as though she would rub it off (eighteenth day),[8].

Face.—[30.] Expression suffering; face yellowish-white and sickly-looking (forty-seventh day),[7].

Mouth.—Sensitiveness of the teeth (twenty-eighth day),[7].—Teeth sensitive to cold water (fifty-second day),[7].—Toothache in two lower molars which are filled with gutta percha, first a sticking, and then a drawing-grumbling pain, when he bites the teeth together; they pain as if they would be raised from their sockets, and as if an ulcer would form, aggravated by cold water (twenty-fifth day),[7].—Bitter taste in the morning, for several days (after twenty-three days),[7].

Throat.—Great hawking of mucus after inhaling the gas (sixth day),[7]. —Throat seems covered with mucus which she cannot raise (eighteenth day),[8].—Dryness of the throat, in the morning (ninth day),[7 8].—Dryness of the throat in the evening, was obliged to drink, which, however, did not relieve the dryness; afterwards relieved by holding sugar in the mouth (eighth day),[7].—Great dryness of the throat during the inhalation of the gas (eighth day),[7].—[40.] Pain in the throat, a dryness and sensitiveness, as if it would become inflamed, with constant need of empty swallowing (thirty-third day),[7].—Sore throat, so that she could scarcely speak or swallow (twenty-first day),[8].—While inhaling the gases, roughness and scraping in the throat, oppression of the chest, palpitation, warmth in the face and afterwards in the whole body, with slight perspiration; was frequently obliged to take a deep breath (thirteenth day),[7].—Crawling in the throat at night, obliging him to raise mucus, which woke him; only relieved after raising mucus (fifth day),[7].

Stomach.—Appetite. Increased appetite,[1].—***Eructation.*** Eructations,[2].—Eructations as soon as she goes into the bath,[1].—Empty eructations (forty-second day),[8].—Eructations tasting of the gas of the spring,[1]. —***Nausea and Vomiting.*** (Nausea, after drinking the water),[1].—[50.] Inclination to vomit, in the afternoon (twenty-fifth day),[7].—Inclination to vomit, with retching without vomiting, in the morning (thirty-fifth day),[7].—Retching and vomiting of mucus, in the morning (thirty-ninth day),[7].—Vomiting of sour water, with paroxysmal colic,[1].—***Stomach.*** The stomach feels as if it had been disordered by sour grapes; was attacked with sour vomiting, with much mucus, chilliness, and loss of appetite (thirty-first day),[7].—Burning in the stomach, with frequent eructa-

tions,[3].—A pressive compressive cramp in the stomach, especially when lying on the back, two hours after dinner, without any apparent cause; gradually disappearing when he lay on the side (thirty-third day),[7].—Pressure beneath the epigastric region, an hour after eating (thirty-seventh day),[7].

Abdomen.—Hypochondria. Prickling in the left hypochondrium,[2].—Painful sensation in the hepatic region,[5].—[60.] Sticking pains in the hepatic region, not lasting a long time, suddenly disappearing,[1].—***General Abdomen.*** Distension of the abdomen, loud rumbling or gas, in the afternoon (twelfth day),[7].—*Rumbling in the abdomen, and emission of much offensive flatus*,[1].—Loud rumbling of gas in the abdomen (after fourteen days),[7].—Much emission of flatus, for many days,[8].—Loud emission of flatus woke him at night (sixth day),[7].—Much flatus with the stool; some bloody mucus, and some masses of fæces as large as Madeira nuts; with great inactivity of the rectum, and colic (after fourteen days),[7].—Fulness in the abdomen,[1].—Feeling as though the waist were fully one-half smaller, "as if shrunk together," as if the abdomen were constricted to one-third its circumference,[1].—Griping, in the evening, as if a stool would follow (eighteenth day),[7].—[70.] Griping pain, as if a stool would follow; soon (second day),[7].—Griping colic, after rising (sixth day),[7].—Colic, with two soft stools (seventeenth day),[8].—Colic in the morning, with four pasty stools during the day (fourteenth day),[8].—Violent paroxysmal colic, lasting six to eight hours, then suddenly disappearing, immediately followed by great appetite,[1].—***Hypogastrium.*** Pressive pain in the lower abdomen,[3].—Periodic pressive pain in the lower abdomen,[3].

Rectum and Anus.—Objective. Protrusion of the rectum, after lying down (fifth day),[7].—Hæmorrhoids, with burning-sticking pains during the hard stools; for almost fourteen days he daily lost a considerable quantity of blood with the stools,[1].—The power of urging seems to be wanting at stool,[1].—***Subjective.*** [80.] Sensation in the rectum as if blood would pass, while sitting (which, however, was not the case), (thirteenth day),[7].—A working and burrowing in the rectum (sixth day),[7].—Burning and sticking in the anus, with small soft swellings noticed during the stool,[1].—Pressing-out of the rectum (eighth day),[7].—Itching in the rectum (seventh and eighth days),[8].—Itching in the anus (fifteenth day),[8].—Itching in the anus, frequently recurring,[4].—Itching in the anus obliging scratching (forty-first day),[7].—Unpleasant itching in the rectum (ninth day),[7 8].—Very violent itching in the anus, obliging rubbing (sixteenth day),[8].—[90.] Ineffectual urging to stool in the morning, with passage of only some flatus and dark blood in small clots (thirteenth day),[7].—Frequent ineffectual desire for stool, with diarrhœa,[4].

Stool.—Diarrhœa. Diarrhœa, with great colic at night (thirty-eighth day); on the next night two attacks of diarrhœa with much colic, and during the day four stools with rumbling and colic, stools like brown water (thirty-ninth day); on the next night, two attacks of diarrhœa with colic, with four watery stools and colic during the day (fortieth day),[8].—Several pasty stools in one day (thirteenth day),[8].—Four pasty stools, the two last with colic (eighth day),[8].—Urging to stool in the morning after rising, followed by emission of much flatus and a few pieces of light-yellow fæces, then some of a brown color, all of the size of hazel-nuts; three hours later, a very brown consistent stool; at 4 P.M. the third stool, at which he was obliged to strain, so that the limbs trembled and he broke into anxious perspiration, so that water could be wrung from his shirt; at first

passage of some blood followed by brown fæces, with considerable blood that was more watery than usual, followed by more stool with great urging; on retracting the rectum, he again broke into a perspiration so profuse that he was obliged to change his shirt (fifteenth day),[7].—Urging to stool in the morning after rising; evacuation only with great pressure, consisting only of flatus and some dark blood; two hours later, a third stool after great pressure and straining, so that he broke into profuse sweat, with evacuation of pasty masses of the size of hazel-nuts, with transparent stringy mucus, like the white of an egg, which protruded from the anus and could be only gradually removed, followed by discharge of mucus mixed with blood; during the stool burning in the rectum; this was followed by exhaustion, so that he was obliged to lie down in bed, with throbbing and disagreeable pressure in the anus, and a pressing out and weak sensation in the small of the back; an hour after dinner, urging to stool, with great pressure but no stool, only flatus and considerable thin blood with a few clots, also with perspiration, so that he was obliged to change his shirt; with all these, he was very weak; on the next morning, stool consisting of only dark thin blood, at last with a few clots, though less than on the previous day; therewith also the shirt was soaked with sweat; two hours later a stool without blood, with only clear albuminous mucus, the last of which was streaked with blood, and the shirt was again soaked with sweat; two hours after dinner, desire for stool with discharge of dark blood (a quart), followed by great weakness and some perspiration; on the next morning, passage of only dark blood (sixteenth to eighteenth days),[7].—Violent urging to stool during the forenoon; two hours after dinner, when he could no longer suppress the stool, fecal mass as large as hazel-nuts, with thin black blood (about a quart), which flowed without exertion, together with perspiration; during the stool, the prolapsus of the rectum, which usually could not be reduced, was to-day easily reduced (eighteenth day); on the next morning discharge of three spoonfuls of black blood with the stool, and during the day more stools with a tablespoonful of blood (nineteenth day); the next morning, a stool with discharge of blood, followed by another after three hours, the stool seemed softer and more satisfactory; two hours after dinner, another stool with a pint of blood, followed after three hours by another with more blood, and at 11.30 P.M. another, with a large quantity of blood without fæces; on pressing at stool, the blood spurted out as from a syringe (twentieth day); on the next morning, some blood with the stool very early and also about 9 o'clock; again in the evening, a stool with blood (twenty-first day); the next day, a stool with spurting of much blood; again in the evening a stool with much blood (twenty-second day); the next morning two or three stools, always with blood (twenty-third day); after which there was a daily stool with discharge of blood, for more than a week,[7].—Stool with some blood, followed by frothy saliva like mucus (thirty-fourth day); urging to stool with much pressure; discharge of a consistent stool without blood, with only mucus; five hours later, again desire for stool, with discharge of watery blood, and some tenacious black clots, difficult to expel from the anus; in the afternoon, three hours after dinner, again desire for stool, and a scanty stool consisting of watery blood (thirty-fifth day); in the morning, a scanty stool with some white mucus and a few drops of blood; in the afternoon a desire for stool which was repressed (thirty-sixth day); in the morning a stool with mucus (thirty-seventh day); in the morning a stool with mucus (thirty-eighth day),[7].—Stools continued to be followed by mucus and often blood, sometimes thin, sometimes clotted, for a long time (after

forty-one days),[7].—A few soft pasty stools with frequent desire; if the stool was held back the desire disappeared (fifth day),[8].—[100.] A very profuse pasty stool, followed by a second without pain (fifteenth day),[8].—Soft light-brown stool in the morning, with yellowish mucus (seventh day),[8].—Great urging at stool, with the passage of only flatus and some mucus; the stool consisted of scanty, soft, fecal masses like sheep-dung (sixth day),[7].—Stool in the morning like sheep-dung, with some blood (ninth day),[7].—Very yellow stools, as in little children (forty-second day),[8].—Stools bloody (observed in a patient who suffered from hæmoptysis, which disappeared after the occurrence of the bloody stools),[1].—A few drops of black blood during the stool (eighth day),[7].—***Constipation.*** Constipation,[3].—*Constipation; stool hard, difficult*,[1].

Urinary Organs.—Urethra. Slight mucous discharge from the orifice of the urethra,[1].—[110.] Burning cutting while urinating (twelfth day),[7].—***Micturition.*** Great urging to urinate, immediately on rising from bed; was obliged to urinate immediately, otherwise the urine passed involuntarily (sixth day),[7].—He awoke every hour with a desire to urinate; micturition was painful and accomplished only with great pressure, and in jets (thirty-first day),[7].—Frequently obliged to rise at night to urinate (thirty-sixth night),[7].—Frequently obliged to urinate at night; is always obliged to make great exertion before the urine is pressed out (forty-second day),[7].—Frequent micturition; the urine smells like violets, or as if one had eaten asparagus (fifth day),[7].—Frequent profuse micturition (sixth day),[7].—*Very frequent and increased micturition, with sudden desire, which could not be restrained, or only for a short time*,[1].—Very frequent micturition, with scanty urine (twelfth day),[7].—Urinates three times at night (thirty-fifth night),[7].—[120.] Urinates four times at night, very copiously (fortieth and forty-first days),[7].—Interrupted stream at night, while urinating, with spurting of the urine on pressing (eighth day),[7].—Frequently interrupted stream while urinating at night; was always obliged to make great pressure to urinate (seventh day),[7].—Scattering of the stream while urinating (twelfth day),[7].—Passage of small calculi through the urethra; during eight days he passed some two or three ounces of these stones,[6].—***Urine.*** Increased secretion of urine,[2 3].—Urine clear, watery,[1].

Sexual Organs.—Male. Smegma preputii increased, thin,[1].—Emissions two nights in succession, in one who had never suffered from them before,[1].—Two emissions in one night; the first time with dreams and erections, the second time without either,[1].—***Female.*** [130.] Increased mucous discharge from the vagina; two days afterwards, there was noticed some bloody streaks in the mucus,[1].—Leucorrhœa, with itching in the rectum (twelfth day),[8].—Acrid leucorrhœa, with a feeling of soreness on the margins of the labia majora, especially when walking, painful from rubbing (twelfth day),[8].—Menstruation three days earlier than usual, and more profuse (for the second time),[8].—Menstruation two days earlier, and more profuse than usual,[8].

Respiratory Organs.—Larynx and Trachea. Tickling in the larynx woke him from the afternoon nap, and lasted till he raised some tenacious mucus (sixth day),[7].—Feeling of rawness and dryness in the trachea, with cough, scanty tenacious mucous expectoration and fever; in a girl,[1].—Prickling in the trachea, with dry fatiguing cough towards evening (forty-third day),[8].—Tickling in the trachea, behind the manubrium sterni; and short attacks of cough without expectoration,[1].—***Voice.*** Hoarseness, roughness in the throat, and a feeling as though the whole trachea were

covered with a glutinous dry substance; better while riding in a carriage; in the afternoon (tenth day),[7].—***Cough and Expectoration.*** [140.] Dry cough (thirty-fourth day),[8].—Dry cough, in the morning, with tickling in the throat, especially when talking (ninth day),[8].—Dry fatiguing cough, with dryness of the throat (after twenty-one days),[8].—Dry tickling cough in the larynx, lasting until he raises some mucus (after inhalation of the gases), (ninth day),[7].—Cough with offensive expectoration,[1].—Violent catarrhal cough with easy expectoration of enormous quantity of watery, glassy, tenacious mucus,[5].—Coughed out a small piece of mucus, after the first stool in the morning, followed by retching, and at last actual vomiting of tasteless mucus drawn out in strings (fifteenth day),[7].—Hæmoptysis; blood thin, bright red, occurring nearly every morning after rising; after drinking the water and inhaling the gases the previous evening,[1].

Chest.—Violent anxiety in the chest (in the bath),[1].—Feeling of fulness in the chest, immediately after taking the water and breathing the gases, often lasting three or four hours,[1].—[150.] Sensation as if the lungs and chest were compressed (in the bath),[1].—Pressure and heaviness on the chest while walking rapidly (thirty-sixth day),[7].—Pressure and oppression in the chest while walking rapidly (thirty-fifth day),[7].—Pressure on the chest, and drawing pains in the right side of the neck, extending down to above the shoulder, on rising from stooping (thirty-fifth day),[8].—Great pressure on the chest, with violent pressure while walking, especially if he carried anything in the hand (forty-eighth day),[7].—Heaviness and pressure on the chest after smoking (fifty-first day),[7].—Heaviness and pressure on the chest while walking (forty-first day),[7].—Heaviness, pressure, and fulness in the chest, with vertigo, while walking (fifty-seventh day),[7].—Great heaviness and pressure on the chest (forty-fourth day),[7].—Great heaviness and pressure on the chest, while walking; was frequently obliged to stop and rest (forty-seventh day),[7].—[160.] Great heaviness and pressure in the chest, after coition (forty-eighth day),[7].—Oppression of the chest,[5].—Oppression of the chest, with frequent inclination or need for taking a deep breath,[1].—Stitches in the chest, beneath the third and fourth ribs,[1].—***Front.*** Fulness of the chest beneath the sternum, as if the chest would burst, especially after smoking or walking a few steps, so that he was obliged to stop and take a deep breath, also ascending steps was very difficult; lasting for a long time after the proving,[7].—Pressure on the sternum (forty-fifth day),[8].—Pressing at stool causes pressure and a feeling of fulness beneath the sternum, which is also caused by rapid walking or other physical exertion (after thirty-third day),[7].—Pressure and fulness beneath the sternum, as if the chest would burst, especially on walking, or other physical exertion; if he wished to walk rapidly he was obliged to remain standing awhile to rest, to take breath a few times before he continued to walk (twenty-sixth day),[7].—Frequent sticking pain through the chest, starting from the sternum and extending to the spine (after twenty-one days),[8].—Bruised sensation in the left half of the sternum, when talking, causing cough (eighth day),[8].—***Sides.*** [170.] Stitches in the left side of the chest preventing deep inspiration, especially while sitting, between the seventh and eighth ribs, relieved by motion, like incarcerated flatulence; ceasing after the discharge of blood from the anus (seventeenth day),[7].—Fine, suddenly piercing, transient stitches in both sides of the chest, about a hand's breadth externally and above the nipples,[1].—***Mammæ.*** Stitches in the mamma (forty-third day),[8].

Heart and Pulse.—Violent palpitation every evening (in a healthy woman), becoming so violent that she was obliged to stop drinking the water; she had never suffered from it before,[1].—Pulse increased from 88 to 94 (in six minutes while in the bath); pulse 74 (twenty-eight minutes after the bath),[1].—Increased rapidity of the pulse while in the bath, once increased from 72 to 78, at another time from 74 to 88, at another from 72 to 86,[1].—Pulse 65 (before the bath); 73 and intermitting three times in 73 beats (after three minutes in the bath), (in a man),[1].—Pulse 94, with palpitation (before the bath); 80, without palpitation (after twenty minutes in the bath), (in a woman),[1].—Pulse 98 (before the bath), 96 (after twenty minutes, in the bath); 84 (half an hour after the bath), (in a boy of seven years),[1].

Back.—Bruised sensation between the shoulders (thirty-third day),[7].—[180.] Pain in the lumbar region, with pressure and tension, waking him several times at night, especially when lying on the left side (twenty-third day),[7].—A drawing tensive pain in the right lumbar region, while lying on the right side, with the right leg outstretched and the left leg flexed, so that he was obliged to change his position; the pain disappeared on bending the right leg at the knee (thirty-second day),[7].—Pain in the small of the back, associated with griping in the abdomen,[2].

Extremities in General.—Jerking in the limbs continued for a long time after the proving,[7].—Great weariness of the limbs, as after a long walk (after fourteen days),[7].—Weakness in the limbs,[1].—Uneasiness of the limbs, while sitting and lying, in spite of a long walk (thirty-seventh day),[7].—Uneasiness and jerking in the limbs, in the evening (thirty-eighth day),[7].

Superior Extremities.—Paralytic pain in the whole right arm (thirty-eighth day),[7].—Drawing in the right arm with a paralytic sensation extending to the hand, also in the left foot, especially on the back of the foot; the paralytic pain on the outer surface of the right arm always extends to the hand (thirty-sixth day),[7].—[190.] Drawing pains in the right arm (forty-first day),[7].—Drawing tearing in the left arm towards evening (sixteenth day),[8].—Drawing tearing in the right arm extending down from the shoulder, with a paralytic sensation, worse in the wrist (thirty-seventh day),[7].—***Hand.*** Great distension of the veins on the backs of the hands, after inhaling the gas (sixth day),[7 8].—Trembling of the hands while sitting, especially of the right hand, with anxious palpitation and orgasm of blood in the chest (thirteenth day),[7].—***Fingers.*** The two last fingers of the right hand fell asleep in the evening (fiftieth day),[7].—Falling asleep of the three last fingers of the right hand, while knitting, with formication; she was obliged to rub and move them in order to regain their natural mobility (thirteenth day),[8].—Formication and falling asleep of the right middle finger (seventh day),[8].

Inferior Extremities.—Jerking in the legs in the evening (forty-second day),[7].—Jerking in the legs while sitting in the evening; constantly obliged to change his position in the chair (thirty-fifth day),[7].—[200.] Jerking and uneasiness in the leg, in the evening while sitting (thirty-sixth day),[7].—Great jerking in the lower extremities, while sitting and standing, almost like chorea (forty-fourth day),[7].—Great weariness and prostration in the lower extremities (twelfth day),[7].—Suddenly, a transient pain shooting from the knee to the ankle,[2].—An acute paralytic-like pain in the anterior part of the upper extremity of the tibia, when walking, noticed on putting the foot forward,[1].—Cramp in the left leg, gradually relieved by rubbing, with

great uneasiness of the limbs, so that he was constantly obliged to move them, in the evening, preventing sleep (thirty-fourth day),[7].—Weariness of the feet after a short walk (thirteenth day),[7].—Burning pains in the corns (forty-second day),[8].

General Symptoms.—Objective. Jerking in the whole body, waking him from the afternoon nap (forty-third day),[7].—Jerking through the whole body, especially in the lower extremities, while lying down after dinner (thirty-seventh day),[7].—[210.] Weakness (after forty-one days),[7].—Great weakness,[5].—Very unusual weakness nearly the whole day,[1].—Sudden weakness and dizziness, so that he was obliged to steady himself to prevent falling, while walking in the evening (thirty-fourth day),[7].—Weak and sleepy; was obliged to sleep an hour after breakfast (ninth day),[7].—Weak and sleepy, disinclined to do anything (third day),[7].—Weak and sleepy all day; yawning; after eating he slept three hours and was still sleepy; went to bed early and slept all night (fifth day),[7].—So weak and weary that he was obliged to lie in bed all day, had no appetite, ate nothing but soup (thirty-second day),[7].—Great uneasiness, in the evening while sitting, must change his position (fiftieth day),[7].—Great restlessness in the evening, can neither sit nor stand (forty-first day),[7].—[220.] Great restlessness of the whole body, especially of the lower extremities; can neither stand nor sit; must constantly change the position, with jerking through the whole body (thirty-ninth day),[7].—***Subjective.*** A peculiar feeling of comfort after micturition,[1].

Skin.—Jaundice,[5].—Fine red or pale red discrete eruption as large as flaxseed, not elevated above the surface of the skin, over the whole body, itching violently, while in the bath and for some hours afterwards, and in the evening in bed; on continuing to bathe in and drink the waters there developed larger pemphigus-like vesicles containing water,[1].—Eruption on arms, hands, and face, like bee stings, with swellings an inch and a half in diameter, induration, and in the middle a whitish elevation like nettle-rash, itching so violently that she could scarcely sleep at night; after scratching she was almost beside herself (after sixty days),[8].—Frequent drawings in the calves, on which appeared an eruption the next day, which was palish red and papular,[1].—Pimples on the chest and abdomen, with red areolæ, with great itching, so that he was constantly obliged to scratch them, as though he had been bitten by fleas (thirty-seventh day),[7].—Small, itching, hard pimples on the back of the right hand (after fourteen days),[7].—Prickling sticking in the skin of the whole body (thirty-second day),[7].—Prickling sticking in the skin makes him impatient and restless; is constantly obliged to change his position (twenty-eighth day),[7].

Sleep and Dreams.—Sleepiness. [230.] Much yawning while inhaling the gas (fifteenth day),[7 8].—*Sleepiness;* falls asleep at a very unusual time,[1].—Sleepiness after dinner; he lay down but could not sleep (thirty-seventh day),[7].—Sleepy and weary the whole forenoon; was obliged to take a nap (seventh day),[7].—Sleepy early in the evening; obliged to go to bed at 8.30, and soon fell asleep (twelfth day),[7].—***Sleeplessness.*** Much less sleepy and weary after inhaling the gas (sixth day),[7].—Cannot sleep in the evening, and it is difficult to rise in the morning (forty-first and forty-second days),[7].—Sleep restless, with many unremembered dreams (ninth day),[8].—Frequent waking at night (sixteenth day),[8].—Woke at 2 o'clock from dreams of anger; could not sleep again till morning (seventeenth night),[8].—***Dreams.*** [240.] Unremembered anxious dreams, with frequent waking (fifteenth day),[7].—Heavy unremembered dreams the whole

night, with frequent disagreeable waking, but soon falling asleep again; on rising in the morning, he was still sleepy and anxious (thirteenth day),[7].—Very vivid dreams all night of journeyings by land and water, so that when he awoke he did not know whether it was really a dream or not (thirty-first day),[7].—Many dreams, from which she woke, but soon fell asleep again; one very anxious dream that her little child was lying upon ice, and would fall into the water (fifteenth day),[8].—Anxious dream that she was ridden over by horses (forty-fifth day),[8].—Dreams that she was attacked by dogs (thirty-eighth night),[8].—Vexatious dreams of being pursued by dogs (fortieth day),[8].—Dreams of dead people (thirteenth day),[8].—Many dreams of dead people and coffins (seventh day),[8].

Fever.—Chilliness. Chilliness,[3].—[**250.**] Shivering with thirst,[3].—***Heat.*** Anxious heat,[1].—Flushes of heat and anxiety like faintness,[1].—Flushes of heat, with flickering before the eyes, immediately after drinking four glasses,[1].—Orgasm of blood; flushes of heat with anxiety; was obliged to loosen everything about the throat and wrists (twelfth day),[8].—Heat and orgasm of blood in the head (fifteenth day),[8].—Glowing heat of the face, as after intoxicating drinks (twelfth day),[8].—Glowing red cheeks, and somewhat accelerated pulse (eighth day),[8].—***Sweat.*** Perspires easily,[1].—Increased perspiration,[1].—[**260.**] Frequent waking at night in perspiration; obliged to change his shirt; with remarkable dreams (sixteenth day),[7].—While reading, he began to perspire, in the afternoon (fourteenth day),[7].—Profuse perspiration at night; he woke at 3.30, and was unable to sleep until 5, after which he slept till 7 (seventeenth night),[7].—Profuse perspiration in the morning, so that he was obliged to change his shirt (twelfth day),[7].—Perspiration at night, drenching two shirts (seventeenth day),[7].—Profuse perspiration at night, soaking three shirts (twentieth day),[7].

Conditions.—**Aggravation.**—(*Morning*), Bitter taste.—(*Afternoon*), Towards evening, feeling of intoxication in head.—(*Evening*), Sneezing; palpitation; cramp in leg; restlessness.—(*Night*), Crawling in throat; diarrhœa; perspiration.—(*Coition*), Heaviness, etc., in chest.—(*Cold water*), Toothache.—(*Reading*), In recumbent position, flickering before eyes.—(*Riding in carriage*), Feeling of apprehension, etc.—(*Sitting*), Stitches in side of chest; trembling of hands.—(*Smoking*), Heaviness, etc., of chest; fulness in chest.—(*Talking*), Tickling in throat.—(*Walking*), Vertigo; fulness in chest; pain in upper extremity of tibia.—(*Walking rapidly*), Especially when carrying anything in hand, pressure on chest.

Amelioration.—(*Motion*), Stitches in left side of chest.—(*Riding in carriage*), Hoarseness, etc.

LITHIUM.

Lithium Carbonate, $LiCO_3$.

Preparation, Triturations.

Authorities. (Hering's provings, Am. Hom. Rev., 3, p. 485); **1**, C. L. R., effects of triturating (to the third?); **2**, C. Hering, took half a grain of 3d trit; **3**, same, took 5 drops of a solution 1 to 100 of Lithium Causticum which had stood three years; prover had for several weeks experienced a pain in the external lower part of the right scapula, which this morning showed itself on the left side also; **4**, a young lady, aged 20, took L. carb. 30, for violent pains in the region of the heart before and during menstruation;

5, a young man with irritability of bladder took the 30th (case detailed as a whole); **6**, A. G., a young lady, took 1st cent. trit.; **7**, a man, aged 70, took 3d trit.; **8**, Dr. Neidhard, took half a small vial of 1st cent. dil., in evening, half next morning; **8** *a*, same, took 3d in evening; **9**, Dr. Geist, took 5th, 1 drop first morning, same second morning, same third morning; after several weeks, a dose of 2 drops; **10**, Mrs. P., took globules of 6th dil., on two successive days; **10** *a*, same, took 5th dil., twice daily for three days; **10** *b*, same repeated, three doses; **10** *c*, same, another dose.

Mind.—Memory for names less retentive than usual (second day),[3].—***Head—Confusion.*** Confusion of the head, with pain in sacrum when standing (third day),[9].—Confusion of the head in both temples; a dull pressure from without inwards, with moderate pain in left abdominal ring, like a pressing from within outwards (soon), (second day),[9].—Head painfully confused on both sides (after ten minutes),[2].—***General Head.*** A young lady of twenty years took Lithium carb. 30th evening and morning, on account of violent pains in the region of the heart, before and during menstruation; menstruation ceased too soon and suddenly, and at the same time the pains in the heart ceased also. Violent headache in the vertex and temples, on awaking in the morning (second day); headache still continues (third day); less (fourth and fifth days); very severe again in the left eye, in the temple, and in a small spot in the occiput (sixth day); very severe in the temple and vertex, and inasmuch as she thought vomiting might relieve her, she drank some warm water, but to no purpose; it is like a heavy weight upon the vertex and pressing in the temple; the whole head seems too large, and as if it were seized; the most violent pain is in small spots, and this in particular increased the nausea; could hardly keep the eyes open; they pained as if sore from morning till noon; when looking at anything the head became worse; she cannot remain lying down; it pains everywhere; when sitting somewhat better; relieved by going out (seventh day),[4].—***Forehead.*** Heaviness in the sinciput, especially in the frontal eminences, the whole day (second day),[8a].—Heaviness of the whole forehead (after one hour and a half),[8].—Gentle pressing pain in the left forehead, and subsequently over the eyes; the pain in the forehead becomes gradually worse and extends to the left side, with nausea (after one hour and a quarter),[8].—***Temples.*** Once, a transient pain in the left temple (third day),[10b].—[**10.**] Pain in the left temple extending into the orbit, accompanied by gnawing in the stomach, began about an hour before dinner; the pain in the orbit passed away while eating, but came back about fifteen minutes after the meal, and at the same time was felt in the right temple; a fulness remained in the temples the whole afternoon (third day),[10a].—Transient pain in the left temple, then in the right brow, during slow driving,[10c].—Very gentle and brief pain in the left temple, at the same time as the earache (second day),[10a].—Fulness in the temple, lasting the whole afternoon and evening; with some pain in the right ear (fifth day),[10a].—Tension in the temples, and heaviness in the forehead, towards evening,[10c].—Pressure in both temples from without inwards, with a pressing pain in the middle of the chest outwards, towards both sides, in the region of the fourth rib, immediately,[9].—Pressure from without inwards, in both temples, immediately (first day),[9].—***Vertex.*** Headache in left vertex, a kind of stitch (second morning),[6].—*Headache, like a stitch, superiorly in the vertex*, on the right side, sensitive when touched (after two hours),[2].—***Parietals.*** Pain in the left parietal bone (after three hours and a half),[3].—[**20.**] Pain in the left side of the head, a sticking-burning sensation, going from below upwards (after

six minutes),[2].—Headache superiorly, on the right side, in the evening (first day),[2].—Headache on the right side superiorly, later on the left side (after two hours),[3].

Eye.—Heat in the eyes,[1fc].—In the right inner canthus a cooling sensation, as if from salt (after five minutes),[2].—Eyes pained *during and after reading*, as if dry, and the lids especially were sore,[10c].—Pains in the eyes as if little grains of sand were in them; decidedly greater in the left eye; later, stitches in the right eye (when making the trituration),[1].—***Brow and Orbit.*** Pain now and then in the right brow (three days after ceasing to take the medicine),[10b].—Pain at the outer end of the right brow, gradually extending to the temples and about the ear (after ten or twelve hours),[10b].—Pain inwardly above the globe of the eye; above the external canthus (after six minutes),[2].—[30.] Twitching, drawing pain around the right eye, above on the external side especially, and deep in the orbit (after half an hour),[2].—Pain, a burning-sticking sensation over the right eye *outwardly* (after twenty minutes),[2].—***Lids.*** Sore pain in the margin of the superior right eyelid, a feeling of dryness (second day),[2].—***Vision.*** **The sunlight blinds him upon the streets*, on a dull day (after half an hour),[2].—*On the second day of the menses, while reading, she was obliged to get up and go out of doors for a short time; when she came back she noticed an *uncertainty of vision*, and an entire vanishing of the right half of whatever she looked at; or if two short words occurred in succession, that on the right hand was invisible; she tried each eye alone; it was the same with both; during the uncertainty of vision, pain over the eyes and tension, as if *bound*, in the temples; this ceased while she was eating, but soon after it came as an unpleasant sensation in the temples, and remained, as a pressure, until in the night, and seemed to go away during sleep (after the proving),[10a].

Ear.—Pain behind the left ear in the bone, extending somewhat towards the neck and further (after two hours and a half),[2].—Some pain in the right ear, with fulness in the temples (fifth day),[10a].—Pain went from the throat into the left ear, and caused earache (second day),[10a].

Nose.—Dropping from the nose in open air (after half an hour); also, later, in the room,[2].—Coryza (dropping), (after half an hour),[2].—[40.] Must blow the nose a great deal; more mucus hangs behind (in the nares), in the evening (first day),[3].

Face.—Pain in the right side of the face from the root of a tooth (which had been sawn off) up towards the temple; not severe, but continuing a long time, in the afternoon (first day); the same pain in left side of the face; after breakfast (second day),[10a].—Pain in the right malar bone, a sticking-burning sensation, going from below upwards (after six minutes),[2].

Mouth.—Pain in the right molar teeth, a sticking-burning, going from below upwards (after twenty minutes),[2].—Now and then, toothache on the right side and posteriorly (after three hours),[3].—Toothache in a left lower molar tooth, late in the evening (first day),[2].

Throat.—Sensation in the throat as though it would become sore (after half an hour),[2].—Sore throat posteriorly, on the right side, as if sore when swallowing, for an hour (after eight hours and a half),[2].

Stomach.—Appetite. For several days past, a striking decrease of appetite; neither desire for breakfast in the morning, nor during the day any desire to eat anything; on beginning to eat the appetite is immediately satisfied; no desire for wine, beer, coffee or sugar; for several days, when eating and drinking, all further desire ceases, yet without any aversion

(fourth day),[3].—***Eructation.*** Slow belching eructations before dinner; then pain in the left parietal bone (after three hours and a half),[3].—***Nausea.*** [50.] Easily nauseated, before meals, when driving (fifth day),[10a].—Nausea, with the pain in the forehead (after one hour and a quarter),[8].—***Stomach.*** Restlessness in the stomach, and pain and heaviness over the brow, unaltered by the evening meal, and by walking out; towards evening, lasting until she fell asleep (second day),[10b].—Pain in the epigastrium, a sticking-burning sensation, going from below upwards (after ten minutes),[2].—A fulness in the pit of the stomach; she could not endure the pressure of her clothes upon the parts; pressure upon it with the hand would have made her vomit; she had never before felt so; before breakfast (second morning),[6].—Painless, but unpleasant tensive pressure on a small spot in the neighborhood of the stomach, towards the right of and below and behind the epigastrium (after three hours and a half),[3].—A sensation as if a heavy, hard body were in the stomach, only for a short time, soon after supper (third day),[10a].—Gnawing sensation in the stomach, which increased almost to vomiturition, in the forenoon; it increased about dinner-time, yet she ate without repugnance (first day),[10a].—Gnawing sensation in the stomach, before mealtimes, especially before dinner (second day); it began an hour before dinner, accompanied by pain in the left temple, which extended into the orbit; the appetite was good, and the gnawing sensation passed away while she was eating (third day),[10a].

Abdomen.—Hypochondria. Violent pain in the region of the liver, between the crest of the ilium and the ribs (upon the extreme right), such as she had sometimes had previously; and in the left iliac bone a pain such as she had often had before; on going out in the afternoon (second day),[6].—***General Abdomen.*** [60.] Pressure in the region of the liver, (after one hour and a quarter),[8].—Very offensive flatus (second evening),[8].—Very many small, penetrating, putrid smelling evacuations of flatus (first, second, and third days),[3].—Pain in the abdomen, in the forenoon (first day),[10a].—***Hypogastrium and Iliac Regions.*** Violent pain horizontally in the hypogastrium, in the upper region of the bladder (after half an hour),[2].—Moderate pain in the left abdominal ring, like a pressing from within outward, with confusion of the head in both temples; a dull pressure from without inwards (soon), (second day),[9].

Anus.—Itching in the anus, very sharp, sudden, and short (after ten hours and a quarter),[2].—A violently painful, dull stitch in front of the anus in the perineal region, from within outwards and from above downwards, when walking (after eight hours and a half),[2].

Stool.—Diarrhœa. Wakened early by a pain in the abdomen, followed by diarrhœa, which was repeated now and then the next day; had five or six more stools, without much pain; gentle pains on the two ensuing days.[10].—Very offensive diarrhœa (second night),[8].—[70.] Diarrhœic stools, in the morning, immediately after chocolate (fourth day),[2].—The stool, which usually passed only by considerable straining, because of its solidity, was soft and easily discharged (second morning),[8].—Two hours after dinner, a hard stool, the first since day before yesterday (second day),[2].—Stool first hard, then soft and bright-yellow (yesterday evening, he ate eggs in bread soup), (second day),[3].—***Constipation.*** No stool (first day),[3].

Urinary Organs.—Bladder. Pain on the right side in the ureter, and through the spermatic cord into the testicle, which, however, did not become sensitive to the touch,[7].—Tenesmus of the bladder for awhile, and then a discharge of clear frothy urine in great quantity, thirteen ounces;

more than he could retain so long when in health; in the morning (second day),[2].—Tenesmus of the bladder, and micturition in the street (between nine hours and a half and ten hours and a half after taking); *before* and for *a short time after* it, Lithium-pains in the region of the neck of the bladder and other parts of the urinary organs; the same pain in the region of the neck of the bladder on the right side,[2].—Sudden violent tenesmus of the bladder; the dark yellowish urine is in much smaller quantity than usually follows such tenesmus, with him; seven ounces, instead of nine, ten, or eleven ounces (after two hours); (the next morning, the urine was turbid, without deposit or cloud, such as had always accompanied this phenomenon before); five minutes later, sensitiveness and pain in the middle of the urethra, a kind of pressure; yet without any tenesmus,[2].—Sensation as if the *bladder* were affected (after twenty minutes),[2].—[**80.**] Sensitive pain in the region of the bladder; a sharp pressure, more on the right side, like a flatulent colic (after two hours and ten minutes),[2].—Fugitive, sensitive pains in the lower region of the bladder, somewhat towards the right, before urinating; pains extending into the spermatic cords, more on the left side, after urinating (second day),[2].—***Urethra.*** (A customary burning of the urethra was diminished), (second morning),[8].—***Micturition.*** Passes less urine, although he drinks as much as usual (first day),[3].—***Urine.*** Urine redder (second day); more scanty (third day),[8a].—The urine of the forenoon, two to three ounces, is peculiarly turbid, and forms a scanty flocculent deposit (second day),[2].—After pain on the ureter and through the spermatic cord into the testicle, turbid urine with more mucous deposit; after which, the urine became and continued clearer than for a long time,[7].—A dark reddish-brown urinary deposit, after the diarrhœic stools, in the morning (fourth day),[2].

Sexual Organs.—Male. Lithium-pain on the right side of the penis and at the root of the penis, throbbing stitches when sitting, at 8 P.M. (second day),[2].—Gentle twitching to and fro in the seminal cords and vesical region (after two hours and a half),[2].—***Female.*** [**90.**] Menses a few days later, and also less in quantity,[10c].—Menses occurred three or four days later, and were diminished (after five days),[10a].

Respiratory Organs.—When lying down, has a violent cough, without expectoration, which compels him to sit up; the irritation which provokes the cough is in a small spot posteriorly and low in the throat; it consists of quick shocks, which do not seem to come out of the chest, not from low down, but they seem to be produced in the throat, only in short paroxysms, but very violent and exhausting; ceases gradually (after four days),[3].

Chest.—Pressing pain in the middle of the chest outwards towards both sides, in the region of the fourth rib, with pressure in both temples, from without inwards, immediately,[9].

Heart. Pain in the heart,[10c].—She bent forwards over the bed, and felt instantly a very violent pain in the region of the heart; in the morning, after rising (fifth day),[10a].—On rising to pass water in the morning, pressure about the heart, which ceases only after urinating (second day),[2].—Pain in the region of the heart, twitching, like a dull stitch, lasting from five to ten minutes (after two hours),[2].—Sometimes, a sudden jerk or shock in the heart (second day),[8a].

Back.—A pain, or rather a feeling of soreness, on the right side, near the spine, below the loins, in a spot not larger than the end of the finger; sensitive to the touch, in the morning on rising; continuing all day until

bedtime (fourth day),[10a].—[100.] A pain, or rather a feeling of soreness, on the right side, near the spine, which seemed to change to a dull pain in the sacrum, and which did not pass away until she got up (fifth night),[10a].—Pain in the sacral region (after one hour and a half),[8].—Weakness in the sacrum, when writing, standing at a high desk, in the afternoon (second day),[9].—Pain in the sacrum when standing, with confusion of the head (third day),[9].—A violently painful, dull stitch from within outwards, and from above downwards, in the sacrum (after ten hours and a half). *Pressure as with a dull point here and there internally, as if near the bone;* in the evening, most on the left side (first day),[2].

Superior Extremities. — Pain on the anterior side of the right shoulder-joint, near the insertion of the pectoralis major, at the margin of the muscle (after half an hour),[2].—Pain in the metacarpal bone of the little finger of the left hand, in the evening (first day),[2].—The middle finger of the left hand, which was chafed about two hours ago, is painful; a pain which goes from other parts towards the spot, precisely of the same character as the other Lithium-pains (after half an hour); the spot very painful (after three hours),[2].—Pain along the middle finger towards the extremity, then in the left metacarpus, in an outward direction, with burning stitches as if it would itch, especially in the ball of the thumb; the burning-sticking pain, in jerks from within outwards, and ending in itching, seems to the prover to be characteristic (after three hours),[2].—Burning stitch in the ball of the left thumb (after three hours),[2].—[110.] Twitching pain in all the fingers, especially in the second and third fingers of the left hand, as if in or upon the bones, internally from the hand towards the extremities, throbbing, twitching; very sensitive during repose, but ceasing on pressure, on being grasped, and on motion; *first on the right side, then on the left* (after five hours),[2].—For several weeks, on the borders of the nails, soreness, redness, and pain, only prevented from extending by constantly loosening the fold of skin from the root of the nail; it is more at the external angle, first of the left thumb, then of the right fourth finger, then of several fingers of the left hand, then of the middle finger of the right hand; the skin adheres more firmly to the growing nail; which had also been observed before and since (after four days),[3].

Inferior Extremities. — Hip. Pain in the left hip, in the night,[10c].—Itiching-burning pain in a small spot, externally on the right hip, then on the thigh, then on the outside of the little toe (after half an hour),[2].—***Thigh.*** Pain in right thigh (three days after ceasing to take the medicine),[10b].—Pain in the right thigh in front and towards the outside, in a small spot, as it were the seat of insertion of a muscle (third day),[10b].—Itching, sticking pain internally on the left thigh (after half an hour),[2].—***Knee.*** Great weakness of the knees on going upstairs this morning, but not at noon, nor in the afternoon and evening (first day),[2].—The knees pain on going upstairs; but more the parts above the knees (after half an hour),[2].—Pain internally on the left knee, a sticking-burning sensation, going from below upwards (after fifteen minutes),[2].—[120.] Pain, a burning-sticking sensation above the right knee, and inwardly towards the patella (after twenty minutes),[2].—***Leg.*** Now and then, rheumatic sensations in the legs (after the proving),[10a].—Pains externally, first in the left shin, then in the left hand (after two hours and a quarter),[3].—Pain superiorly in the right calf, which goes downward (after half an hour),[2].—***Ankle.*** *The ankle-joints pain when walking, first the right the more, and then the left; *frequent urgent pains, of moderate severity, of a sticking character,*

from within outwards, ending in a burning itching, in a small spot, more on the left side, in the evening (first day),[2].—***Foot.*** Pain and weakness of the feet, in the afternoon (second day),[9].—Pain through the hollow of the left foot, extending horizontally to the outside of the foot, and thence along the leg to a little below the knee; this pain was the most violent and most persistent; when walking (more than twenty-four hours after last dose),[10b].—Pain in the left foot, similar to that in the foregoing proving, but not so extended, when walking,[10c].—Rheumatic pain in the right foot, on awaking in the night, passing away on rising (first night),[10b].—Twitching pain through the right foot, beginning at the heel, and extending towards the middle foot (after half an hour),[2].—***Toes.*** [130.] Great soreness of the corns, which had not troubled her so for a long time before, after a long walk on a very warm day (after the proving),[10b].

General Symptoms.—Paralytic stiffness in all the limbs and whole body (before three hours),[3].—Lax feeling of the whole body, especially in the knee-joints and in the sacral region (second day),[8a].—Pain and heaviness over the brows, and restlessness in the stomach, unaltered by the evening meal and by walking out towards evening, lasting until she fell asleep (second day),[10b].—Slight pains here and there, sometimes becoming more violent, most perceptible in a small spot in the right temple (for several days together), (after three hours),[3].—It seems to her as if the symptoms occurred earlier when the remedy is taken after breakfast,[10c].—The pains on the left side were more violent, and lasted longer than the pains of the day before, on the right side (second day),[10a].—Before the menses, the symptoms were most violent on the *left* side; after the menses on the *right*,[10c].—A young man, R., who has been for several years tormented with a peculiar irritability of the bladder, a frequent burdensome tenesmus, which rendered all business, society, or travelling irksome to him, took for experiment Lithium carb.[30], from 20 to 100 globules; the first day, the first dose was taken after a regular stool, after breakfast; an hour afterwards, a second stool, which was quite uncommon; in the evening, the second dose; at night lustful dreams; on awaking, micturition, and after it a violent erection and lustful feeling, such as he had never before had, for an hour; then he slept again; this night he waked two or three times again with erection, tenesmus vesicæ, and lascivious titillation in the urethra; and, on account of the erection, he could not pass water; when, however, he succeeded in doing so, the erection ceased entirely; therewith, pain in the bladder, and scanty urine, about three wine-glassfuls. The second day in the morning, he took nothing; urinated more frequently and more copiously, and had after it the lustful titillation in the urethra; his customary bladder symptoms, however, did not appear; at noon he took the third dose; at 2 P.M. a disposition to weep over his lonesome condition, so that he sobbed, the nose being full of water; the whole afternoon, very frequent urination; in the evening, 9 o'clock, the fourth dose; this night, again, lustful dreams; on awaking tenesmus vesicæ and erection, which ceased after urinating. The third day, in the morning, the fifth dose; urination; noon, the sixth dose; afternoon, better; evening, the seventh dose. The first three days, he had expectoration of mucus from the choanæ and fauces, in thick masses, especially morning and forenoon; at noon, the whole abdomen felt as if swollen, distended with wind; from 3 P.M. till 10 in the evening frequent discharge of very offensive flatus. The third day, in the morning, the urine was scanty, dark, and very acrid; pain on passing it, as when lye passes over an irritable surface; the evacuation of it is thereby

rendered difficult. The fourth day the same; and the whole day pain in the bladder; in the evening, sweat on the backs of the hands, while the palms are dry; itching on the sole of the left foot, on the inner margin, compelling to vigorous scratching; the offensive flatus still continues. The fifth day, on going out after breakfast, a constriction of the chest, then by *hawking*, an expectoration of mucus in great quantity, appearing to come from the middle of the sternum; the whole day, a restlessness in the renal region; afternoon, again a pressure in the middle of the chest, pain in the bladder, frequent urination, yet all these less than formerly, and all ceasing gradually; after drinking water, unusual gulping up of water, and for a whole week diarrhœa after fruit, which was also unusual, and for which he took Nux and Puls.; this increased the quantity of urine and the sudden tenesmus vesicæ; he took Rhus, whereupon the quantity diminished, but the irritation continued; he therefore again took Lithium carb.[30], 100 globules, whereupon it ceased. The following day he took, in the evening, the second trituration in water. The next morning and whole forenoon the nose was obstructed, above in the nose and forehead; the bladder less irritable until 3 P.M.; the acidity of the stomach ceased. The next day he alternated globules of the 30th and solution of the 2d trituration, and continued them for several days, without noticing anything, except a very copious sweat; he took on this account Lithium mur.; he had to go on a journey, and while on the road was seized with cholera, and subsequently with a cough, which indeed he did not connect with these circumstances, but which had already previously befallen him after many remedies taken at random. The same has had for several years a sore nose; the nose *felt* very much swollen, and was *really somewhat so*, with a moderate redness, inwardly sore, and sometimes forming thin crusts or scabs; everything was *worse* on the right side; the nose dry and as if inflamed; at the same time his former bladder symptoms; frequent urinating, especially at night; after Lithium carb.[30], the nose became immediately moist, and every sign of inflammation, redness, and swelling entirely disappeared; the frequent urination ceased, he slept undisturbed at night; the painful tenesmus of the bladder had been also relieved by Argentum nitr., which, however, does not act upon the nose; if he had both troubles together, he must take Lithium. As an entirely new symptom, he perceived, after taking Lithium, fine twitching stitches through the pubis, passing from behind forwards and across, as fine as the smallest line, passing suddenly and like lightning hither and thither, and repeated every time after taking it anew; it leaves an enduring pain after it; after repeated doses he feels, over and over as if beaten, stiff and sore in all bones, joints, and muscles; he took for this in alternation Bryonia, which did not hinder the good action of the Lithium upon the other symptoms, until the general symptoms vanished,[5].

Skin.—Intense itching, compelling to scratch until the part becomes raw, on the whole inner side of the right thigh, and also on small spots in the adjacent parts, late in the evening (first day),[3].—[**140.**] Itching of the left middle finger, near the nail and around on the left side of the finger, in the evening (first day),[3].

Sleep and Dreams.—Very sleepy; can hardly open the eyes, in the morning (third day),[9].—Very sleepy in the evening (second day),[9].—But little sleep, without restlessness (fifth night),[10a].—Restless dreams (second night),[9].

Fever.—A shudder runs over the anterior surface of the body, starting

from the thorax, like a drawing together (after half an hour); (other shudderings, subsequently, starting from other regions),[2].—General feeling of heat in the body (second day),[8a].

Conditions.—**Aggravation.**—(*Night*), Pain in foot.—(*Slow driving*), Pain in temple, etc.—(*Lying down*), Headache; cough.—(*Reading*), Pain in eyes.—(*Rest*), Pain in fingers.—(*Standing*), Pain in sacrum.—(*Walking*), Stitch in perineal region; pain through hollow of foot.

Amelioration.—(*Going out*), Headache.

LOBELIA CARDINALIS.

Lobelia cardinalis, Linn.

Natural order, Lobeliaceæ.

Common name, Cardinal flower.

Preparation, Tincture of the plant.

Authority. **1**, Dr. S. R. Dubs, took 10 drops of tinct., one dose, Trans. Am. Inst. of Hom., vol. 1, p. 200.

Mind.—Disposition to sing, which I was continually doing whilst walking up and down the parlor (after thirteen hours and a half).

Head.—Head feels light, with dull pain in the forehead and occiput, at 6 A.M. (second day).—Headache, dull and distressing, with fulness in the forehead and base of the occiput; the latter part was peculiarly painful, the pain increased by motion or shaking the head (after five hours); increased afterwards; very little pain in the forehead, but the pain is still throbbing, and almost insupportable in the occiput and nape of the neck (after eleven hours).—Slight shooting pain in the forehead, with an eruption of small vesicular pimples in the centre and upper part of this locality; they feel sore on passing the hand over them; the pain in the occiput is very slight (after thirteen hours and a half).

Eye.—Eyes burning and watery, with dread of light, and feel sore on closing them, at 8 A.M. (second day).—Soreness in the eyes, with smarting and slight watering; great repugnance to the light of a lamp (after eleven hours).

Nose.—Dryness of the nose, with fulness, followed by sneezing (after one hour and a half).

Face.—Dull pains in the upper maxillary bone of each side, with aching in the molar teeth (after seven hours).

Mouth.—[**10.**] Burning sensation, with stinging in the tongue and fauces, which lasted nearly fourteen hours (after several minutes).—Tongue raw and sore, very red, especially at its tip, and a painful blister on that part (after five hours).—Half a pint of cold water very much relieved the pain and burning in the tongue and fauces; the pain and oppression at the chest were also alleviated (after fourteen hours).—Mouth and fauces dry, with a raw and distressed feeling extending down to the epigastrium, at 8 A.M. (second day).—Unpleasant taste in the mouth, in the morning and through the day (third day).

Throat.—Dryness and rawness, from the mouth to the epigastrium (third day).—Throat sore and dry, with disposition to swallow, as also to hawk up phlegm (after five hours).—The soreness of the fauces is diminished, but the burning and pricking sensation remains the same; the soreness has extended lower down to the pharynx, and upper part of the œsophagus (after nine hours).

Stomach.—Appetite very indifferent (third day).—No appetite for breakfast (second day).—[20.] Thirst for cold water, of which I drank half a pint (after fourteen hours).—Some nausea, at 8 A.M. (second day).—Much distress at the epigastrium, at 8 A.M. (second day).—Dull distressing pain about three inches below, and a little to the left of the epigastrium (after twelve hours).—Dull heavy pain in the epigastrium, with sensation of a weight or load (after twelve hours).—Sticking pains, with sensation of a load at the epigastrium (third day).—Unpleasant sticking pain in the epigastrium, which lasted five minutes (after nine hours and a half).

Abdomen.—Sticking pain in the left hypochondrium, which came on suddenly and so violently as to induce me to cry out; I placed the ends of my fingers over the spot, and the pain was at once moderated; lasted about five minutes (after two hours and a quarter).

Stool.—Stool at first thin, and then more consistent (after two hours and a quarter).

Respiratory Organs.—Oppression of breathing through the day, with sticking pains on taking a deep breath (third day).—[30.] Oppression of the breathing, with dull and distressing pain in the lower part of the sternum, with the same feeling on each side forming a kind of circle; relieved by beating lightly upon the part with the hand (after twelve hours).

Chest.—Pricking pain in the left lung, coming on several times during the day, and lasting several minutes each time (third day).—Severe stitch in the left side of the chest, which compelled me to press with the hand to moderate it, as it nearly took away my breath; it continued about ten minutes (after two hours).

Neck.—Stiffness of the nape of the neck (after seven hours).

Inferior Extremities.—Great weakness of the lower extremities (third day).—Throbbing and weakness in the lower extremities, so much so, with the increased headache, as to cause me to lie down (after seven hours).—Sticking, like the pricking of needles, in the inner part of the right thigh, just above the knee (after thirty minutes).—Prickings, as from needles, in the calf of the left leg and the heel, worse in the latter part (third day).—Severe pricking pain with itching in the left heel, so great as scarcely to be borne (after seven hours).—Sticking, like the pricking of needles in the sole of the left foot, shooting inwards, passing away in a few minutes (after twenty minutes).

General Symptoms.—[40.] Debility and languor of the whole system, with weakness, as from a sprain across the kidneys (after twelve hours).—Throughout the day, great debility of the whole frame, but more especially of the lower extremities; they are so much fatigued by any exertion, that it is with difficulty that I can drag them along; my knees bend under me in walking (second day).—Most of the symptoms continued, though with less intensity for two weeks, and it was at least three weeks before my stomach recovered its usual tone, and my usual good appetite returned (third day).

Sleep and Dreams.—Whilst lying down, great sleepiness, with difficulty of falling asleep (after seven hours).—Starting in sleep, with jerkings of the hands (after more than seven hours).—Constant dreaming, with extreme lightness of the head (after more than seven hours).

Fever.—Hot sweat on the forehead, with throbbing in that part, and at the base of the occiput (after seven hours).

LOBELIA INFLATA.

Lobelia inflata, Linn.
Natural order, Lobeliaceæ.
Common name, Indian Tobacco.
Preparation, Tincture of the plant.

Authorities. **1**, Dr. Cutler, Mem. Am. Acad., vol. 1, p. 484 (1785), effects of chewing leaves and of holding them in the mouth for some time; **2**, Cutler, in Thacher's Dispensatory, p. 146, took three doses of one tablespoonful of tincture each, at intervals of ten minutes, for asthma (which it cured); **3**, Samuel Thomson, New Guide to Health or Botanic Physician (from Dr. Jeanes's collection, Trans. Am. Inst. of Hom., 1, p. 171, effects in a man of eating a sprig; **4**, Dr. Randall, in Bigelow's Am. Med. Bot., 1, p. 183 (1817), general effects; **5**, Dr. Bradstreet, from Bigelow (loc. cit.), effects; **6**, Bigelow (loc. cit.), effects of one teaspoonful of an infusion of 2 ounces of dried plant in 1 pint of diluted Alcohol; **7**, Samuel Thomson caused the death of Ezra Lovett (who had a bad cold), by large and repeated doses, Tyng's Mass. Reports, vol. 6, p. 134; **8**, Boston Med. Intell., vol. 2 (1824), effects of 2 or 3 drs., in a woman, taken for an emetic; **9**, Chs. Whitelaw, Lancet, vol. 23, 1833, general statement of effects: (10 *to* 15, *proving by Dr. Noak, Hygea*, 1841); **10**, Kermes, a young man, aged twenty-six, took 30 drops of tinct., in the morning; **11**, Noak, took first day, tincture, 10 drops in morning, 20 at 11 A.M., 50 in P.M., after two days took 80 drops morning, 100 at 3 P.M.; **12**, Birkner, 4 drops tinct. first day, 8 drops second day, 16 drops third day; **12** *a*, same, subsequently took 10 drops first day, 20 drops second day; **12** *b*, same, third proving, one dose of 30 drops; **13**, Dr. Moerz, repeated doses of tinct., 20 to 150-drop doses; **14**, Laura G., aged twenty-one, various doses, 6 to 40 drops; **15**, Dr. Piper, repeated doses of tinct., 2 to 20 drops; **16**, Norton, Br. J. of Hom., 17, p. 464, took ½ dr. tinct. first day, 1 dr. second day, 2 drs. third day, 2½ drs. fourth day, ½ ounce fifth day; (17 to 25, from Dr. Jeanes's collection, Am. Inst. of Hom. Trans., vol. 1); **17**, Dr. Jeanes; **18**, Williamson; **19**, Link; **20**, Geist; **21**, Z—s, took a teaspoonful of tinct. every quarter of an hour, till he had taken an ounce; **22**, Dr. Caspari, gave (?) to a lady who had not menstruated for four years, for pain in right shoulder, which it relieved; **23**, Dr. Gosewich, effects in a lady in last stage of consumption; she had not menstruated for six months; **24**, same, effects in a lady over fifty, who had long ceased to menstruate, for a cough; **25**, same, effects in a boy, of a "Thomsonian emetic;" (*Nos.* 26 *to* 36, *provings on healthy persons*, "medical students and naval surgeons, at the Medical School of Toulon," *by Dr. Barrallier*, "*Des effets physiol. de la Lobelia Inflata, Paris*, 1864"); **26**, man, aged twenty-one, pulse 72, took 5 drops of tinct.; **27**, man, aged eighteen, pulse 74, took 5 drops; **28**, man, aged twenty-one, pulse 58, took 5 drops; **29**, man, aged nineteen, pulse 74, took 5 drops; **30**, man, aged twenty-five, pulse 76, took 10 drops; **31**, man, aged twenty-eight, pulse 70, took 10 drops; **32**, man, aged twenty, pulse 72, took 10 drops; **33**, man, aged twenty, pulse 70, took 10 drops; **34**, man, aged forty-seven, pulse 68, took 20 drops; **35**, man, aged twenty-five, pulse 72, took 20 drops; **36**, Dr. Barrallier, aged forty-seven, pulse 66, took 40 drops.

Mind.—Violent raving, with flushing of the face, and palpitation of the heart, every evening after an hour's sleep,[25].—Indisposed to mental exertion (after one hour),[31].—Lost his reason, and became convulsed, so

that several men were required to hold him, and so continued till death (after several days),[7].—Narcotic,[9].

Head.—Confusion and Vertigo. Confusion of the head increased to violent pressive headache with decided heat of the face, in the afternoon (first day),[12b].—Confusion of the head, especially on the vertex on moving about (third day),[12].—Confusion in the forehead (after one hour),[11].—Confusion in the occiput (after half an hour),[11].—Vertigo,[36].—[10.] **Vertigo, with nausea*,[17 18].—Vertigo, with pain in the head, and trembling agitation of the whole body,[18].—Giddiness and pain in head,[1].—***General Head.*** When given in large doses, it affects the brain,[9].—Cerebral torpor (after one hour),[31].—Heaviness of the head (second day),[14].—Pain in the head,[19].—Dull tension in the head, in the evening (first day),[12a].—Headache,[36]; (after four hours),[32]; especially on ascending steps (second day),[12].—Headache with slight vertigo, and at times transient stitches in the temples (after ten minutes),[10].—[20.] Headache, at first slight; becoming worse gradually (after two hours),[30].—Headache, at first slight, then gradually increasing (after two hours); worse on awaking (after seven hours); lasted nearly all night,[26].—Severe headache (after two hours),[35]; with drowsiness, for half an hour,[34].—Violent headache, towards evening,[33].—Pains through the head in sudden shocks,[18].—***Forehead.*** **Dull heavy pain passing round the forehead, from one temple to the other, on a line immediately above the eyebrows.* (In numerous cases, both of pathogenesis and cure; the latter often preceded by homœopathic aggravation, of several days' continuance),[17].—***Temples.*** Dull pressing pain in the temple and left molar teeth,[20].—Outward pressing in both temples; at the same time a dull pressing in the flesh, just above the left elbow, and the hand feels as if paralyzed,[20].—***Parietal.*** Pain in the parietal protuberance on the left side of the head,[17].—***Occiput.*** Dull feeling in the occiput,[20].—[30.] Pain in the occiput,[17].—Tension in the occiput, in the region of the lambdoidal suture, only when paying strict attention to anything,[12a].—Pressure in the occiput, relieved after removing the head covering (second day),[12b].—Pressive pains in the occiput in the open air (first day),[12].—***External Head.*** Chilliness of the left side of the head, with a feeling as if the hair would rise on end,[20].

Eye.—Pain and soreness in the right eye,[18].—Burning in the eyes (second day),[14].—Itching in the angles of the lids of the left eye,[20].—***Lids.*** Severe and frequent itching in the angles of the eyelids,[17].—Smarting of the inside of the eyelids,[20].—***Ball.*** [40.] Pressing pain in the eyeballs, most in the upper parts,[20].—***Pupil.*** Pupils dilated,[34 36]; (after two hours),[35].—Pupils slightly dilated (after two hours),[30 33].—***Vision.*** Dimness of vision,[36]; (after two hours),[35].

Ear.—Aching in the left ear,[17].—Shooting pain, extending into left ear from a painful spot in the throat, situated about an inch to the left of the larynx, and on a line with its lowest cartilage,[17].

Nose.—Sneezing, accompanying gaping and flatulent eructation,[20].—Bleeding at the nose,[24].

Face.—There was no more color in him than a corpse,[3].—A peculiar drawing feeling extending from the right side of the mouth to the right eye,[20].—[50.] Slight drawing feelings, at one time in the left, at another in the right side of the lower jaw,[20].

Mouth.—Teeth. Dull pressing pain in the left molar teeth and temple,[20].—***General Mouth.*** Dryness of the mouth,[18].—Pricking sensation in back of mouth, for a few minutes (immediately),[26].—***Saliva.***

In certain cases larger doses have produced only a flow of saliva,[6].—Sialagogue,[9].—Copious flow from glands of mouth,[4].—**Copious discharge of saliva*,[1].—Flow of clammy saliva,[19].—Increased secretion of tenacious saliva (fifteen minutes after 100 drops),[11].—[60.] Frequent accumulation of much sweetish saliva, which soon filled the whole mouth (fourth day),[13].—Accumulation of water in the mouth, and nausea and eructations tasting of the drug (after five minutes, third day),[11].—Spitting at intervals (fourth day),[16].—***Taste.*** Taste in mouth at first insipid, but soon became pungent,[1].—Pungent taste in the mouth,[18].—Very unpleasant sharp taste (immediately),[36].—*Very sharp disagreeable taste in the whole mouth, especially at the tip of the tongue, and in the back throat; it lasted about half an hour* (immediately),[30].—Sharp taste, like snuff (immediately),[27].—Taste resembles that of tartar emetic,[1].—Disagreeable taste in the mouth, somewhat similar to that of a solution of corrosive sublimate (after twenty-four hours),[21].

Throat.—[70.] Frequent necessity for hawking, on account of increased accumulation of mucus in the throat (seventh day),[13].—Dryness of the throat,[18].—Dryness in the throat, and warmth in the stomach, immediately after a dose (second day),[12].—Great dryness and scraping in the throat after a meal, not relieved by drinking, lasting more than an hour (first day),[12a].—Burning in the throat,[18].—Burning in the throat, which soon changed to a sensation of dryness, and lasted the whole forenoon,[12a].—Burning and scraping in the throat, immediately after every dose, soon disappearing,[11].—Drawing pain in the right side of the throat, which extends upwards to the ear,[17 20].—Soreness of the throat,[17].—Scraping in the throat immediately; followed after ten minutes by a pressive sensation (after eighty drops),[11].—[80.] Scraping and sore pain in the throat (first day),[12b].—Scraping in the throat and eructations, immediately,[14].—Scraping in the throat, followed by slight efforts to vomit, which, with the pressure and heaving in the pharnyx, last nearly a quarter of an hour,[15].—Scraping sensation in the throat, and warmth in the stomach, immediately (first day),[12].—Burning scraping in the throat, especially in the anterior arches of the palate, extending towards the larynx, causing after half an hour frequent hawking of much mucus that accumulated in the throat; after an hour there was only slight scraping in the throat, seemingly on the right side of the larynx, which remains sensitive to swallowing (first day),[15].—Feeling of acridity and dryness in the back throat,[34].—Pricking in the throat, when swallowing the medicine,[29].—***Fauces, Pharynx, and Œsophagus.*** Dryness of the fauces (fourth day),[16].—The small doses seemed to have greater effect on the pharynx, large ones more upon the stomach,[13].—Excessive scraping in pharynx (after half an hour, ninth day),[13].—[90.] A sensation of consecutive constrictions in the œsophagus from below upwards (first day),[12b].—Pressure in the œsophagus and pit of the stomach (after 100 drops),[11].—Pressure as from a foreign substance, or a morsel of food, along the whole course of the œsophagus, worse at certain places, as for example, just below the larynx, whence there seemed to be a twisting peristaltic motion proceeding downward as far as the pit of the stomach; the sensation in the œsophagus was not affected by swallowing nor by eructations; it gradually disappeared, and at last seemed only to affect a spot between the pit of the stomach and the back, as if there were a plug in the pit of the stomach reaching to the spine; at times this pressive pain seemed to disappear entirely but it was soon renewed, always having a twisting character; the œsophagus remained quite free from troubles, but from the pit of the stomach and the place internally near the spine the

sensation seemed to extend to the right and left through the præcordium; deep inspiration gave a certain relief, since it seemed to overpower the pressive pain; about 5 P.M., there was nothing left of this except a slight sensation in the back, hypochondria, and pit of the stomach, on turning the body, that gave rise to an anatomical impression that the tendinous expansion of the diaphragm was somewhat too tense,[11].—Dysphagia,[35 36].

Stomach.—Appetite. Scarcely any appetite all day,[34].—No appetite all day (after two hours),[28].—No appetite for dinner (fourth day),[16].—Anorexia,[35].—Aversion to food (in afternoon),[36].—***Eructation and Hiccough.*** Eructations,[35].—[**100.**] Eructations lasting about a quarter of an hour (immediately),[32].—Eructations, together with a burning sensation rising up from the stomach (soon), (first day),[12a].—Eructation immediately, and repeated several times during the day (fourth day); immediately (fifth day),[16].—Frequent eructations, with accumulation of water in the mouth (first day),[12b].—Forcible eructations and nausea,[11].—Very fatiguing eructations and nausea, lasting an hour (immediately),[34].—Painful eructations,[36].—Eructations of air,[11].—Flatulent eructation and gaping, accompanying sneezing,[20].—Flatulent eructation, with sensation of acidity and heat of stomach,[17 20].—[**110.**] Eructation of an acid fluid, with burning sensation,[18].—Hiccough,[21].—Frequent hiccough towards evening (first and second days),[12].—Frequent and violent hiccough more than twenty times in rapid succession (seventh day),[13].—A sensation similar to heartburn, with accumulation of water in the mouth, immediately (after 20 drops),[12a].—Some nausea (immediately),[35].—***Nausea and Vomiting.*** Nausea, lasting about an hour (soon),[33].—Nausea, or sensation of a lump or weight, as if caused by undigested food (fourth day),[16].—**Nausea all the morning* (third day),[16].—***Nausea in the morning, disappearing after a swallow of water** (third day),[12a].—[**120.**] **Nausea, with great inclination to vomit*,[17].—**Nausea, and almost irresistible inclination to vomit* (soon),[36].—**Nausea with the vertigo*,[17 18].—**Nausea, with rather cold perspiration on the head, especially on the face, with great efforts to vomit, without results* (fourth day),[13].—Frequent nausea,[4].—* *Constant nausea*,[36].—Slight nausea (after one or two hours, first day), also (second day),[16].—Extreme nausea and vomiting,[1].—Fatiguing nausea, lasting about a quarter of an hour (immediately),[32].—Incessant violent nausea, with shivering and shaking of the upper part of the body,[17].—[**130.**] A scraping in the throat, which came on immediately after a dose, seemed to change to a qualmish nausea after 50 drops,[11].—Qualmishness in the stomach (ninth day),[13].—Peculiar qualmishness, with a sensation as of an anti-peristaltic motion of the stomach, though without nausea, in the morning (second day),[12b].—He attempted to go to a spring to drink, got as far as the wall, but could not get over it, and laid down on the ground and vomited several times; he said he thought he threw two quarts from his stomach,[3].—Nausea, and sometimes vomiting,[6].—Nausea, great uneasiness, and vomiting,[17].—Vomited violently (first day),[7].—Excessive vomiting, which was long continued,[8].—Sickness (after second dose); sensible effects upon coats of stomach and very little moderate puking (after third dose),[2].—Occasional emesis,[4].—[**140.**] By chewing a small part of plant, generally no more than one or two capsules, it proves a gentle emetic,[2].—Powerful and efficient emetic,[9].—***Stomach.*** Large doses seemed to have greater effect on the stomach, small ones on the pharynx,[13].—**Feeling of weakness of the stomach*,[17 21].—**Feeling of weakness in the stomach, and qualmishness*, soon (after 150 drops, eleventh day),[13].—Warmth in the stomach, soon (first day),[12a].—A sensation of warmth or burning all over the stomach

(fourth day),[16].—**Burning in the stomach*,[18].—Heaviness and pressure in the epigastric region after dinner (first day),[12b].—Pressure in the stomach, though but little had been eaten (first day),[12a].—[150.] Pressure in the pit of the stomach, as from a weight (after five minutes),[11].—Feeling of weight at pit of stomach,[35].—Uneasiness, or feeling of a lump or weight, in the stomach for a few moments (third day),[16].—Violent, pressive pain in the pit of the stomach (second day),[12a].—**Sensation of oppression at the epigastrium*, as if the stomach were too full, worse on pressure,[19].—**An indescribable feeling about the stomach, compounded of nausea, pain, heat, oppression, and excessive uneasiness*, accompanying the affection of the respiratory organs,[21].—Painful twisting about in the cardiac region, lasting a few minutes (second day),[13].—Violent, painful sensation of twisting in the cardiac region (fourth day),[13].

Abdomen.—Pain in the right hypochondrium,[17].—Very troublesome borborygmi (after two hours),[28].—[160.] Distension of the abdomen, associated with increased rapidity of respiration, lasting about fifteen or twenty minutes (after ten minutes),[10].—Movings about in the abdomen,[11].—Rumbling in the abdomen (first day),[12b].—Rumbling in the bowels, and passage of flatus downwards (fourth day),[16].—Flatulence, with painful rumbling in the abdomen (second day),[12a].—Much flatulence through the day, with rumbling in the abdomen (third day),[12a].—Sensation in the abdomen as if diarrhœa was about to occur,[18].—Pains in the abdomen and small of the back,[14].—Pain in the abdomen, always worse after eating,[14].—Dull pain in the abdomen,[19].—[170.] Griping and movings in the abdomen, followed by emission of flatus,[11].—Griping colic in the morning on waking (second day),[14].—Drawing pains in the abdomen (second morning),[14].—Colic (in afternoon),[36].—Slight colic (after three hours),[31]; (after five hours),[29].—Slight colic, which kept getting worse until evening (after two hours),[28].—Severe colic, lasting almost all night (after seven hours and a half),[26].—Violent colic on waking (after six hours),[29].—Some pain in the lower part of the abdomen,[20].—Violent cramplike pain in "left posterior iliac region," scarcely tolerating motion or touch,[15].

Anus.—[180.] Scraping sensation in the anus, as from the passage of a rough, hard body, during stool,[18].

Stool.—Two diarrhœic stools after the colic (after six hours),[29].—Four copious, liquid stools after the colic (after two hours),[23].—Soft stool (a quarter of an hour after 20 drops),[10].—Whitish, soft stools,[18].—Stool somewhat more pasty than usual in the evening (second day),[12a].—Stools easier,[34].—Discharge of black blood after stool,[18].

Urinary Organs.—Urethra. Aching pain in the urethra,[18].—Urinary passage was perceptibly affected by producing a smarting in passing urine,[2].—***Micturition.*** [190.] Frequent desire to urinate, even during the night and next day,[10].—***Urine.*** Increased secretion of urine (after ten minutes),[10].—Diuretic,[9].—Urine of a yellowish wine-color (second day),[11].—Urine diminished in quantity, and with less frequent desire to urinate than usual; the urine passed during the first day was found on the next morning to have deposited **a rosy red sediment*, with crystals of uric acid,[11].

Sexual Organs.—Male. Smarting of the prepuce,[18].—Distressing heaviness of the genitals,[15].—***Female.*** Brought on menstruation,[22].—Brought on the menses, which continued for some days, though of course in small quantity,[23].

Respiratory Organs.—Larynx and Trachea. Constriction

of the larynx,[35].—[200.] A peculiar feeling, between tickling and smarting, in the larynx, like irritation to cough, which, however, occurred but seldom, and then was accompanied by a feeling of oppression,[20].—Sensation of a lump in the throat-pit, impeding respiration and deglutition,[18].—***Voice.*** Hoarseness,[36].—***Cough and Expectoration.*** Irritation to cough (one hour after 20 drops),[10].—Coughing,[20].—Frequent, short, dry cough,[20]. —Expectorant,[9].—***Respiration.*** Respiration somewhat accelerated, with a sensation as if it were insufficient, so that from time to time he was obliged to take very deep inspirations; the abdominal muscles seem to be used less than natural in breathing, also it seemed more difficult than usual to hold the breath (first day); respiration seems insufficient, otherwise free and regular (second day),[12b].—Short inspiration; slow expiration,[20].—Inclination to sigh; deep inspiration,[20].—[210.] **Oppression of breathing* (first day)),[12b].—**Difficult respiration*, lasting half an hour,[34].—***Extremely difficult breathing**, *caused by a very strong constriction at the middle of the chest, which impedes the respiratory movements*,[36].

Chest.—Feeling of heaviness in the chest, with short, superficial respiration (24 to the minute); abdominal respiration seems to fail entirely,[12a]. —Great distress at breast, and said he was dying (after several days),[7].—Pains in the chest (second day),[14].—Pain in the chest aggravated by deep inspiration (third day),[12a].—Burning pain below the right breast, extending towards the pit of the stomach, at first confined to a small spot as large as a nut; deep inspiration or sneezing caused a sensation as though something were drawn away from its position that afterwards returned to place with the pains. Without the above-mentioned exciting causes, the pain was slight and a simple burning pain; towards noon, the pain extended more towards the pit of the stomach and the left side, while in the original painful spot a violent boring sensation was felt; after dinner the pains increased, but disappeared after an hour, to return again about 4 o'clock with redoubled severity, so that it seemed as though the pains extended from the painful spot forward below the breast through the body to the back beneath the right shoulder; the painful part seemed paralyzed, and was intolerant of motion; after a time this loss of power and pain disappeared,[14].—A general tightness of the chest, with short and somewhat laborious breathing; discovered that he had a disposition involuntarily to keep his mouth open to breathe,[21].—Constriction of chest (after one hour),[31].—[220.] Constriction of chest (with colic and diarrhœa), short-lasting, towards evening,[28].—Slight constriction of the chest (after nine hours),[27].—Very painful constriction of the chest, especially at its base; a few moments after the eructations ceased, and lasting half an hour (after one hour),[34].—Oppression of the chest,[19].—Oppression of the chest obliging deep respiration (after 100 drops),[11].—Quite severe oppression of the chest, as if it were tightly bound; this impeded respiration, and lasted about twenty minutes (after two hours),[33].—***Front.*** Pain under the middle of the sternum,[19 20].—Constriction at the sternum,[35]; (after four hours),[32].—Painful constriction in the sternal region (after two hours),[30].—Pressing pain at the left side of the lower part of the sternum,[20].—[230.] Slight tickling sensation in the region of the lower end of the sternum on deep inspiration (fourth day),[12a].—***Mammæ.*** Pain in the breast,[20].—Burning feeling in the breast, passing upwards,[20].—A tightness of the breast, with heat in the forehead,[20].—Feeling of drawing in the left breast, from the nipple to the axilla,[20].

Heart and Pulse.—Præcordium. Præcordial anxiety,[36].—Præcordial anxiety for half an hour,[34].—Slight deepseated pain in the

region of the heart,[20].—***Heart's Action.*** Heart's action somewhat tumultuous for half an hour,[34].—***Pulse.*** Pulse more rapid than usual (third day),[12a].—[**240.**] Pulse 58 (before taking), 74 (after one hour), 83 in the afternoon, 76 in the evening,[12b].—Pulse 55 in the morning, 82 at noon, 90, softer than usual, in the evening (second day),[12a].—Slowness of the pulse after every dose,[11].—Pulse slower (58), although still full (after six hours),[29].—Pulse fell 3 to 5 beats within fifteen minutes, and remained so for two hours,[11].—Pulse 56 (before taking), 68 after dinner (after six hours), 59 (after twelve hours),[12].—Pulse 63 (before taking), 53 (after half an hour), 55 (after one hour and a half), 63 (after four hours), 61 (after five hours),[11].—Pulse 70 (before taking), 50 (after four hours), 60 (after six hours), (after 10 drops),[11].—Pulse falls from 76 to 60, small, and sometimes intermittent (after two hours),[30].—Pulse fell from 72 to 58, irregular,[35].—[**250.**] Pulse fell from 70 to 62 (after two hours),[33].—Pulse falls from 68 to 56, small and irregular,[34].—Pulse fell from 66 to 50, small and irregular,[36].—*Pulse of the usual frequency, *but smaller and weaker*,[17].—Pulse in the morning 56; after an hour it was the same, but somewhat small (after a dose); in the evening 76,[12a].

Back.—Weakness in the back (second day),[14].—A burning pain in the back, as if in the posterior wall of the stomach (third day),[16].—***Dorsal.*** Pain about the third, fourth, and fifth dorsal vertebræ,[17].—Rheumatic pains between the scapulæ,[20].—Slight drawing pain between the scapulæ; previously slight muscular twitches over the ribs of the left side, near the spine,[20].—***Lumbar.*** [**260.**] Pain in the loins,[17].—Pains in the small of the back (second day),[14].—Violent pain in the small of the back,[14].—Sticking pain in the region of the right kidney,[20].

Extremities in General.—Weakness in the limbs,[14].

Superior Extremities.—Paralytic feeling in the left arm,[20].—Pain, only when touched, in the muscles of the right arm, in a space of the width of the hand; the pain in the shoulder gone,[20].—Fine crawling stitches on the inside of the right deltoid muscle,[20].—[Slight rheumatic feeling in the right shoulder-joint],[20].—Pain in the right elbow-joint,[20].—[**270.**] Severe rheumatic pain in the right elbow-joint,[18].—A dull pressing in the flesh, just above left elbow, and the hand feels paralyzed (with outward pressing in both temples),[20].

Inferior Extremities.—Walking is difficult,[36].—Pain in the left leg, whilst sitting,[20].—Pressing pain on the exterior, middle part of the thigh, and at the same time constrictive feeling in the head,[20].—A feeling about the knees of pain and stiffness, as from fatigue,[20].—Cramp in the calves, in the morning, on waking,[14].—Cramplike feeling in the left gastrocnemius,[20].—Violent tearing pain apparently in the fibula, extending from below up to the knee-joint, on both sides,[15].—Cramplike feeling in the hollow of the left foot,[20].

General Symptoms.—Objective. [**280.**] It acts very much like tobacco, but its action is more speedy and diffusive,[9].—Its sensible effects are very like those of tobacco, but its medicinal action is more speedy, diffusible, and of shorter duration,[5].—He trembled very much,[3].—Trembling agitation of whole body,[1]; with vertigo and pain in head,[18].—The whole system was violently convulsed,[8].—Became convulsed (with loss of reason), so that several men were required to hold him, and so continued till death (after several days),[7].—Antispasmodic,[9].—**Muscular weariness* (after one hour),[31].—Unusual weakness all day,[15].—General debility, in evening,[32].—[**290.**] Great debility,[8].—Prostration of strength,[17].—**Great prostration*

(third day),[7].—When given in large doses it produces lasting prostration of strength,[9].—Internal uneasiness, soon (fourth day),[13].—***Subjective.*** All sensations soon subsided,[2].—Feeling of weakness (third day),[12a].—General malaise (caused by colic and diarrhœa), short-lasting, towards evening,[28].—General malaise and weariness,[36].—Great distress (second day),[7].—[**300.**] She was in the greatest possible distress,[8].—He believed it would kill him, for he never felt so in his life; when he had gone about six rods,[3].—Prickling sensation through the whole body, extending even to the fingers and toes,[18].—A kind of prickly sensation through whole system, even to extremities of fingers and toes; (after third dose),[2].

Sleep and Dreams.—Sleepiness. Yawning (after half an hour, ninth day),[13].—Frequent yawning, soon (fourth day),[13].—Frequent yawning and stretching (ninth day),[13].—Sleepiness (after two hours),[35].—Sleepiness (after two hours) continues after the other symptoms have ceased,[30].—Drowsiness (with headache), for half an hour,[34].—[**310.**] Decided drowsiness; followed by sleep for four hours (after three hours),[26].—Deep sleep, for about an hour (after five hours),[29].—Heavy sleep, interrupted by the slightest noise (after one hour),[36].—***Sleeplessness.*** Sleep at night unrefreshing, and disturbed by hallucinations,[36].—Night restless, sleep full of dreams (first night),[14].—***Dreams.*** Sleep disturbed at night by numerous dreams and frequent wakings,[19].—Anxious dreams at night,[14].

Fever.—Chilliness. *Chilliness over the whole body, soon after a dose (second day),[14].—Shivering in the body on account of aversion to the drug; immediately (after 150 drops, eleventh day),[13].—A chilly feeling in the left cheek, extending to the ear,[20].—[**320.**] Chills down the back, with heat in the stomach,[17].—***Heat.*** Heat in the evening, with dull headache posteriorly (third day),[12a].—Heat and inclination to sweat, especially in the face, towards evening (second day),[12a].—Heat in the face, in the evening (first day),[12a].—Heat in the forehead, with tightness of the breast,[20].—***Sweat.*** Inclination to perspire (third day),[12a].—Sweat (with colic and diarrhœa), short-lasting, towards evening,[28].—Great perspiration (first night),[7].—Most profuse perspiration, being wet all over as he could be,[3].—Cold sweat upon the surface,[8].

Conditions.—**Aggravation.**—(*Evening*), After sleep, raving, etc.—(*Attending strictly to anything*), Pressure in occiput.—(*Ascending steps*), Headache.—(*Eating*), Pain in abdomen.—(*After a meal*), Dryness, etc., in throat.—(*Motion*), Confusion of head.

Amelioration.—(*Towards evening*), All symptoms,[16].—(*Uncovering head*), Pressure in occiput.

LOBELIA SYPHILITICA.†

Lobelia syphilitica, Linn.
Natural order, Lobeliaceæ.
Common name, Great Blue Lobelia.
Preparation, Tincture of the plant.
Authorities. (Hering's provings, Hahn. Month., 6, p. 520.) **1**, proving

† This plant was introduced into the Materia Medica by Dr. Hering, under the name of Lobelia cœrulea, but though the latter is certainly a more pleasing name, yet it rested upon no authority, having never been described under that name; besides Lobelia cœrulea, B. M., grows at the Cape of Good Hope, was figured in Bot. Mag., 2701, and may yet be proved.—T. F. Allen.

of Dr. Williamson, 10 drops of 2d dil., twice a day, for three days; **2**, Dr. J. Jeanes took 5 drops of 2d dil. in water; **3**, J. W. B. took "$\frac{4}{5}$ without result, next day $\frac{4}{5}$–3;" a week later, 5th dil.; **4**, Neidhard, 5 drops of $\frac{1}{10}$th, at 4 P.M., first day, 10 drops, morning and evening, second day; and subsequently 10 drops of $\frac{1}{10}$th.

Mind.—Frequent mistakes in spelling and writing (with confused feeling and slight aching in the head), (after fifteen minutes),[2].

Head.—Confusion. Confused feeling, with slight aching in the head, immediately; with frequent mistakes in spelling and writing (after fifteen minutes),[2].—Dizziness, particularly in moving about, lasting three hours (after five minutes),[4].—***General Head.*** General aching through the head,[3].—Headache, continuing till daylight (sixth night),[1].—Headache, after dinner (sixth day),[1].—***Forehead.*** Dull pain in the forehead, over the eyes, increased by reading and writing; the pain less severe than the day previous (one hour and a half after first dose, second day),[4].—Dull, aching pain in the forehead, over the eyes, principally over the root of the nose, in the centre, soon; lasting, with slight intermissions, until evening (first day),[4].—Oppression in the forehead over eyes (after five minutes),[4]. —***Temples.*** [10.] Pain in both mastoid processes, first felt and worst in the right one, in the afternoon (first day),[1].—Acute pain along the frontotemporal suture of the right side (second and third days),[1].—Stitching pain in the left temple (after thirty minutes),[2].—***Parietals.*** Pain on the left side of the head, over the coronal suture (half an hour after first dose and after second dose, first day),[1].—Pain in left parietal protuberance (after one hour),[3].

Eye.—Heaviness over the eyes, like a weight, but no pain (fifteen minutes after first dose, second day),[4].—Burning in right eye, with a tear (after thirty-one minutes),[2].—Slight aching over eyes, particularly left eye (ten minutes after second dose, second day),[4].—Itching of internal canthus of left eye (after sixteen minutes),[2].—Itching in external canthus (after thirty-three minutes),[2].—[20.] Smarting itching of the internal canthus of the left eye (second and third days),[1].—***Orbit.*** Boring pain in the right orbit (fifth day),[1].—Drawing sensation under the right eye; in the afternoon (first day),[1].—***Lids.*** Feeling of a foreign body under the right upper lid, with smarting and burning (after forty-five minutes),[2].—Oppression over the eyelids, and slight drowsiness (after first dose, second day),[4].—Soreness of the tarsi of the right eyelid (after forty minutes),[2].—***Ball.*** Soreness of the eyeballs from turning them (fifth day),[1].

Ear.—Pain in left ear (after thirty-four minutes),[2].—Continued itching in the left ear, about the posterior edge of the meatus (after ten minutes),[2].

Nose. Frequent sneezing, with severe and painful jarring in the breast and larynx; the latter feels as if it were stretched almost to bursting, with copious discharge of thick mucus from both nostrils, at sunset (after thirty-seven hours),[2].—[30.] Painful irritation of both sides of the cartilaginous portion of the septum nasi; worse immediately behind the columna nasi; sensitive to the cool air (second day),[2].—Itching and tingling feeling in the left nostril, as if about to sneeze (after seven minutes),[2].

Face.—Flushed face, with heat, when lying down (fifth day),[1].—Face flushed, and headache after dinner, with drowsiness and lassitude, but inability to sleep when lying down; somewhat better going into the open air (sixth day),[1].—Sensation of dropping under the left cheek-bone, in the afternoon (first day),[1].—Drawing pain in the right cheek-bone (sixth day),[1].

—Perfect dryness of the lips, and a feeling of dryness and sensitiveness of the nostrils, so that the inhalation of air of a moderate temperature (supposed 60°) creates a painful feeling (after two hours, also second day),[2]. —Pain in the right maxillary joint, and in the middle of the right lung, in the afternoon (first day),[1].

Mouth.—Frequent shooting pains through the teeth on the right side (she is subject to these pains), (first day),[4].—Bleeding of the gums, with putrid taste (fifth day),[1].—[40.] A renewed secretion of thick mucus, apparently on the superior surface of the palate, renewed by snuffling and hawking; with still further diminution of the soreness of the throat (after thirty-six hours),[2].—Dryness of the left half of the palate (half an hour after first dose, first day),[1].—Constrictive feeling of the skin of mouth and tongue, especially at left commissure of the jaws; in ten minutes afterwards, towards the root of the tongue,[2].—The astringent feeling in left side of the mouth, though abated after the mucous secretion at noon, still continued (after eleven hours),[2].—Great soreness, rawness, pricking, dryness of the lower surface of the palate (after forty minutes); extending forward through the whole mouth (after forty-five minutes); abated after the mucous secretion at noon, but still continued (after eleven hours),[2].

Throat.—Objective. Increased secretion of mucus from the throat, (ten minutes after second dose, second day),[4].—Thick mucous secretion in throat, with diminution of the very unpleasant feeling of constriction, rawness, dryness, and soreness of throat (after sixty minutes),[2].—***Subjective.*** Dryness of the throat, with the sensation as if the pharynx was open like a funnel (second and third days),[1].—Pain in region of right tonsil (after sixteen minutes),[2].—Pain in the region of the left tonsil, immediately,[2].—[50.] Sensation of a lump in the upper portion of the œsophagus (half an hour after first dose, first day),[1].

Stomach.—Eructation and Hiccough. (Acid eructations from 5 to 6 P.M.), (first day),[1].—Waterbrash, at 8 A.M. (fourth day),[1].—Hiccough (half an hour after first dose, first day),[1].—***Stomach.*** I suffered from dyspepsia thirteen years ago, and my sufferings now are of the same kind; they are temporarily relieved by drinking cold water (fifth day),[1].—Sinking feeling in stomach, followed by borborygmi below the epigastrium (after twenty-one minutes),[2].—Slight pain in region of the pylorus (after fifty-five minutes),[2].—Awoke at 6 A.M. with violent pain in stomach, and pain and borborygmus in bowels, followed by copious watery stools, with tenesmus and soreness in the anus; had four similar attacks during the day, and they became so violent that I took Pod. pelt. twice, which arrested the diarrhœa, and the pain gradually subsided during the evening; but the pain in the stomach with sensation of distension increased, with hunger (fourth day),[1].—The jolting of an easy carriage gives pain in the stomach and both hypochondria (fifth day),[1].

Abdomen.—Objective. Borborygmi just below the epigastrium, most after dinner, for hours (second day),[2].—[60.] Borborygmi in lower part of abdomen, towards the right side (after twenty-five, twenty-nine, and thirty-two minutes),[2].—Woke at 3 A.M with flatulency, but inability to pass it from the bowels (fourth day),[1].—***Subjective.*** Pains in the abdomen, most below the umbilicus, followed by diarrhœal stools, in the afternoon and evening (second day),[2].—Stitching-drawing pain in left anterior lumbar region of abdomen (after twenty-one minutes),[2].

Stool.—Three loose evacuations from the bowels (second and third

days),[1].—Ineffectual effort at stool, but free evacuations of tasteless wind on rising from bed (fourth morning),[1].

Urinary Organs.—Itching and smarting in the forepart of the urethra (after forty-five minutes),[2].—Increased quantity of urine, with *free* discharge (second and third days),[1].—A small quantity of urine, which he is obliged to retain for some time, causes pain in the bladder; when evacuated, of a deep amber color; at noon (second day),[2].

Respiratory Organs.—Much tickling about the top of the larynx, with disposition to hacking cough, in the evening (after thirty-nine hours),[2]. —[70.] Morning hoarseness connected with the state of the stomach (sixth day),[1].—Dyspeptic cough originating in the stomach (sixth day),[1].—Slight mucous expectoration, in the evening (second day),[2].

Chest.—Pain in the middle of the right lung and in the right maxillary joint, in the afternoon (first day),[1].—Pain just anterior to the cartilaginous margin of the short ribs (after one hour and a half),[3].—Pain between shoulders and neck, both sides (after fifty minutes),[2].—Aching pain in the cartilage of the sixth left rib (after twenty-two minutes),[2].—Rheumatic pain along the right collar-bone, in the evening (fifth day),[1].—Pain about the junction of sixth right rib with its sternal cartilage (in five minutes),[2].—Pain in left side of chest near the axilla, with aching in the left shoulder and arm (after twenty-eight minutes),[2].—***Mammæ.*** [80.] Pain under the left breast (sixth day),[1].—Severe and painful jarring in the breast and larynx; the latter feels as if stretched almost to bursting; with frequent sneezing; at sunset (after thirty-seven hours),[2].

Heart.—Pain in regio cordis in seven hours, about sunset severe,[2].

Neck and Back.—Neck. Stiffness of the nape (worse on left side) from looking up (fifth day),[1].—Slight aching pain from the back of the head down the nape of the neck (first day),[4].—***Back.*** Pain in the back,[4]. —Pain, heavy, aching, in the back under the false ribs, worse at night after lying down in bed, and increased to a cutting pain by deep inspiration, and aggravated by turning in bed; pathogenetic, third and fourth nights, and in the days, but less,[2].—Cutting pains in the back under the false ribs, cutting forwards and upwards; did not notice the pain after going to bed,[3].—Stitching pain in right back, passing from eighth rib downwards (after fifty minutes),[2].—***Dorsal.*** Pain on the inside edge of the right scapula (after ten hours),[2].—[90.] Pain, acute, sticking, in eighth dorsal vertebra (after fifty minutes),[2].—***Lumbar.*** Pain in the region of the left kidney (after twelve minutes),[2].—Stitch pain in region of right kidney (after thirty-two minutes),[2].

Superior Extremities.—Aching, very considerable, of the right shoulder and fingers, whilst writing (after fifteen minutes),[2].—Heavy pain in the radial muscles of the left arm (half an hour after first dose); in the same part of right arm (after second dose, first day),[1].—Stiff numb feeling in the palm of the right hand (after twenty-nine minutes),[2].—Sticking pain in the left thumb, fleshy part of the last phalanx (after twenty minutes),[2].

Inferior Extremities.—Hip. Pain in both hips, occasionally (after twenty minutes and after several hours),[2].—***Knee.*** Sensation of coldness, as if from the weather, with aching, in both knees through the day (fifth day),[1].—***Leg.*** Pain in the lower part of the right tibia and in right ankle (after sixty-five minutes),[2].—[100.] Stitching pain in left tibia (after forty-five minutes),[2].—***Ankle.*** Rheumatic pain over the right inner ankle (fifth day),[1].—***Foot.*** Pain in the upper part of the left heel (after two hours),[2].—Pricking or stinging in the soles of both feet; sensation as

if asleep,[4].—***Toes.*** Pain in the fleshy part of the last phalanx of great toe, left (after twenty-three minutes),[2].—Sore pain in the joints of the left big toe (sixth day),[1].

General Symptoms.—Lassitude, after dinner (sixth day),[1].—Transient pain over the left kidney, and soon afterwards in the left hypochondrium (half an hour after first dose, first day),[1].

Skin.—(Itching here and there on the skin, worse than usual), (first day),[2].

Sleep.—Drowsiness, but inability to sleep, when lying down after dinner (sixth day),[1].—[110.] Slight drowsiness, and oppression over the eyelids (after first dose, second day),[4].—Restless sleep, with frequent wakings through the night (sixth night),[1].

Fever.—Chilliness. Cold sensation, as if alcohol had been spilled on the outer portion of the left thigh (eighth day),[1].—Coldness of hands and heat of forehead (after twenty minutes),[2].—***Heat.*** Flashing of heat in the back, shoulders, and face, with burning of ears (after forty-five minutes),[2].—Heat of forehead and coldness of hands (after twenty minutes),[2].

Conditions.—**Aggravation.**—(*Night*), Headache; after lying down in bed, pain in back.—(*After dinner*), Headache; face flushed, etc.; borborygmi; lassitude.—(*Drinking cold water*), Dyspeptic sufferings.—(*Lying down*), Flushed face, etc.—(*Moving about*), Dizziness.—(*Reading*), Pain in forehead.—(*Writing*), Pain in forehead.

Amelioration.—(*Open air*), Face flushed, etc.

LOLIUM.†

Lolium temulentum, L.

Natural order, Gramineæ.

Common names, Darnel; (G.), Taumel-lolch; (Fr.), L'ivraie énivrante.

Preparation, Trituration of the seeds.

Authorities (*Nos.* 1 *to* 9 *from Roth, Mat. Med.*). **1**, Wierius, de Præstig. Dæmon., iii, viii; **2**, Seeger, Diss. de lolio tem., 1710; **3**, Burghard, Med. Siles. Sat., 1; **4**, Parmentier, Recr. Phys., ii, 1774; **5**, Scholer, Actæ erud., Lipsiens, 1723; **6**, Perleb, Trad. Allem. de De Candolle; **7**, Berliner Staats-Zeit., 1821; **8**, Hertwig, Neue Bresl. Samml.; **9**, Ruspini, Journ. de Chim. Med., 1844; **10**, Schneider, Med. Annals, 1817 (Frank's Mag., 4, 932), poisoning of thirty-nine children and several adults; **11**, Cordier, N. J. de Med., 1819 (Frank's Mag., 2, p. 151), in order to ascertain whether the seeds were really poisonous I gathered a quantity, crushed them, and made meal into bread, and ate of it; **12**, Zeppenfeld, Kasp. Woch., 1835 (Frank's Mag., 1, 247), poisoning of a large number from eating soup containing the grains; **13**, Billig, Zeit. f. Hom. Klinik, 3, 75, poisoning of a family by bread made from the flour; **14**, Deut. Zeit. Staats-Arz., 1864, p. 95, poisoning of a family by bread containing the flour; **15**, Eitner, Month. J. of Med. Sc., 1850, p. 180 (Casp. Woch., 1850), the laborers on a farm were

† Mr. A. S. Wilson, in Transactions of the Edinburgh Botanical Society for 1874, declares that the poisonous properties of the grains of this grass are due to the ergot (Claviceps purpurea) which so commonly infests it, and that when care is taken to select perfectly sound kernels they prove absolutely inert. Note also that the cases of poisoning have been more frequently observed in low wet districts and during wet seasons. The symptoms, especially those of paralysis, may be compared with Secale cornutum (Claviceps purpurea).—T. F. A.

poisoned by barley meal, cooked; every tenth grain in the barley was darnel; **16**, same, effects of chewing some of the dry grain; **17**, same, general effects; **18**, symptoms, Hom. Times, 2, 558.

Mind.—Emotional. Mania,[10].—Slight delirium,[1].—*Depressed spirits,*[18].—Depression, great, of spirits,[13].—Anxiety,[3 5].—Anxiety and general uneasiness,[15].—***Intellectual.*** Mental power blunted,[11].—Comprehension difficult, with distraction of mind,[11].—Comprehension very slow,[13].—[**10.**] Loss of judgment,[3].—Loss of understanding, with convulsions,[4].—Confusion of ideas,[18].—Confusion of sense in many cases, but not the most complete delirium,[10].—Distraction of mind,[11].—Distraction of thought,[18].—Stupefaction,[10].

Head.—Confusion and Vertigo. Confusion of the head,[14 16].—*Vertigo,*[1 2 7 10], etc.—Vertigo and sticking in the head,[13].—[**20.**] Vertigo so violent that the eyes had to be kept closed,[13].—Dizziness,[14].—Dizziness, nausea, and loss of speech,[6].—*Giddiness,*[18].—Intoxication,[3].—Intoxication and dizziness,[1].—***General Head.*** Heaviness of the head,[14].—Heaviness of the head, accompanied with a seated pain, chiefly at the forehead,[2].—Pain in head during a whole day,[18].—Pain and heaviness in the head,[10].—[**30.**] Headache,[7 15].—Sticking in the head,[13].—Violent sticking in the head, especially in the forehead and temples,[13].

Eye.—Pupils greatly dilated,[10].—Vision uncertain,[11].—Indistinct vision,[18].—Dimness of vision,[11 18].—Obscuration of sight,[2].—Blindness, in some cases,[10].—Scintillation before the eyes,[7].

Ear.—[**40.**] Deafness in some cases,[10].—Noise in the ears,[7].—Tingling in the ears,[3].—Roaring in the ears,[10].—Roaring and tingling in the ears,[2].—Noise in the ears, like a constant sound of drums and cymbals,[2].

Nose.—Epistaxis,[7].

Face.—Faces very red and hot,[13].—The faces of some were pale, of others red and puffy,[12].

Mouth.—Tongue. Tongue first white, then black,[7].—[**50.**] Tremulous tongue,[2].—***General Mouth.*** A feeling of burning in the mouth and throat,[16].—***Speech.*** Speech difficult,[18].—Speech very difficult,[13].—Many could not speak at all, or very imperfectly,[10].

Throat.—Difficult deglutition,[3].—He can neither swallow, nor pronounce a whole word,[2].

Stomach.—Appetite. Loss of appetite,[11].—Want of appetite,[2 18].—***Eructation.*** Eructations with a peculiar disagreeable taste,[11].—***Nausea and Vomiting.*** [**60.**] Nausea,[10 13 14].—Slight nausea,[8].—*Sickness,*[13].—*Disposition to vomit,*[3 18].—*Disposition and efforts to vomit,*[18].—Woke from sleep with some effort to vomit,[11].—*Vomiting,*[5 7 10], etc.—Sometimes manifested by nausea, vomiting, inflammatory affection of the gullet, stomach, and bowels, and febrile action,[17].—Vomiting; the darnel bread is especially rejected, with much colorless mucus,[18].—Repeated vomiting,[14].—[**70.**] Vomiting about every half hour all night of portions of bread with colorless mucus, which left a disagreeable taste in the mouth,[11].—Violent vomiting,[13].—Hard, fatiguing, watery vomiting,[2].—***Stomach.*** Uneasiness in epigastrium, with eructations of peculiar taste,[18].—Pain at the stomach,[2].—Pains in the stomach, especially a pressure in the pit of the stomach and abdomen,[10].—Violent pain in the stomach and abdomen,[13].—Pressure at the stomach,[7].

Abdomen.—Distension of the abdomen,[14].—Severe colicky pains,[18].

Stool.—[**80.**] *Severe purging,*[18].—Diarrhœa, with great colic,[13].—Diarrhœa, or else obstinate constipation,[7].

Urinary Organs.—Copious micturition,[2].
Respiratory Organs.—Difficult breathing,[2].
Chest.—Sticking pains in the sides,[10].
Pulse.—Small, irregular pulse,[15].
Extremities in General.—His gait was unsteady, with trembling of all his limbs; he was unable to hold a glass of water in his hand,[11].—Trembling of the limbs,[7 12].—Spasmodic motions of the arms and legs,[13].—[90.] Loss of power in the extremities,[10 14].
Superior Extremities.—*While attempting to write the hand refused its service* and he became stupid (appesanti),[11].
Inferior Extremities.—Objective. As soon as he attempted to rise from a seat he began to stagger, so that he was obliged to steady himself in walking about the room,[13].—Staggering about the room, with pale distorted features,[13].—***Subjective.*** Great pain and tightness in the legs, *especially the calves*, extending to the ankles, with redness, swelling, and itching of the skin,[18].—Legs excessively tight and painful, swollen and inflamed, and itch much for nine days, followed by a small collection of gelatinous fluid inside foot, terminating in gangrene, followed by sphacelus,[18].—Pain and tightness in calves of legs,[18].—*Violent pain in calves of legs, as if bound with cords,*[18].
General Symptoms.—Objective. Trembling,[15].—General tremors (Suger),[18].—[100.] His whole body trembled,[2].—Universal convulsive trembling, with drowsiness, and marked coldness of the limbs,[9].—Spasms,[5].—Paralysis,[18].—*Great depression,*[18].—General lassitude,[5].—General weakness,[11].—Great weakness,[14].—Excessive weakness,[11].—So weak and exhausted that he could scarcely talk,[11].—[110.] Debility,[18].—General debility,[1 2].—General physical prostration,[7].—*Prostration of strength, trembling,*[18].—Was obliged to sit down and rest the head on a table,[11].—At other times there are languor, cramps, tremors, paralysis, apoplectic attacks, delirium, and death, sooner or later, according to circumstances,[17].—*Restlessness,*[18].—General restlessness,[2].—General uneasiness,[18].—The noxious qualities of darnel grass partake more of the narcotico-acrid than narcotic character,[17].—***Subjective.*** [120.] Torpor,[11 18].—For some hours, more or less unfit for work,[15].—General malaise, for several days,[6].—So ill as to be for some time unfit for their work,[15].—General sick feeling,[11].—The action of darnel is somewhat analogous to that of ergotized wheat; and both are apt to occur in very wet seasons,[17].
Sleep.—Drowsiness,[2 5].—Sleep,[1].—Sleep unusually heavy,[13].—Somnolency (Suger),[18].—[130.] Sopor,[10].
Fever.—Great internal chilliness,[13].—Cold rigors all over, especially in limbs,[18].—Coldness of the extremities,[3 10].—Fever,[10].—Cold sweat,[2 3].

LONICERA.

Lonicera Xylosteum, Linn.

Natural order, Caprifoliaceæ. *Common names,* Fly-woodbine; (G.), Heckenkirsche, Teufels-kirsche, etc.; (Fr.), La chèvre-feuille des haies.

Preparation, Triturations of the berries.

Authorities. **1,** Jahn, Kasp. Woch., 1834 (Frank's Mag., 1, 247), poisoning of three children by the berries; **2,** Blattmann, Schw. Zeit., 1841 (Fr. Mag., 3, 551), a child poisoned by the berries; **3,** same, effects in an apothecary from evaporating an infusion; **4,** Duval, Bib. Hom., 5, p. 386,

two cases of poisoning by the berries; **5**, Buzorini, Med. Corr. Bl. Wurt., 1850, poisoning of a boy by the berries.

Mind.—Stupefaction,[1].—Coma,[4].

Head.—Great congestion of the head and chest,[2].

Eye.—Conjunctiva red,[2].—Pupils dilated,[2].—Contraction of one pupil and dilatation of the other,[4].—Such weakness of vision that for half an hour everything seemed foggy and indistinct,[3].—Photophobia,[2].

Face.—Red face,[2].—[10.] Pale face,[2].—Lips dry,[2].

Mouth.—Tongue moist, coated with mucus,[2].

Stomach.—Excessive thirst,[1].—Vomiting,[1 5].—Vomiting and purging,[2].—Profuse vomiting and purging,[1].

Abdomen.—Abdomen retracted, especially in the umbilical region; soft,[2].—Violent colic,[1].

Stool.—Bloody stools,[1].

Respiratory Organs.—[20.] Respiration rapid and deep,[2].

Heart and Pulse.—Violent impulse of the heart,[2].—Slowness of the pulse,[4].—Pulse small, soft, irregular,[2].

Extremities in General.—Frequent jerking of the limbs,[2].

General Symptoms.—Seemed to neither hear nor see; was unable to make an answer,[5].—Trembling and jerking of the whole body,[1].—Violent convulsions,[1].—When raised from the bed the limbs and head fell over as if paralyzed,[5].

Sleep.—Sleepiness,[2].—[30.] Constant deep sleep with half-open eyes,[2].—Lay with half-open eyes, red face, in a soporous condition,[5].

Fever.—Extremities cold,[2].—Fever,[1].—Profuse cold perspiration,[1].

LUPULUS.

Humulus lupulus, Linn.

Natural order, Urticaceæ.

Common names, Hop, Hoppen, Houblon.

Preparation, Trituration of the hops.

Authorities, **1**, Dr. Bethmann, A. H. Z., 10, 72, proving in a girl aged twenty-three, took tinct. 8 drops first day, 30 drops third and fifth days; **2**, same, a girl, aged twenty-one, took 45 drops, and subsequently 100 drops; **3**, same, a boy, aged five, took 25 drops of tinct.; **4**, same, a man, aged thirty-four, took 1 drop of 2d dil.; **5**, same, a man, took a teaspoonful of tinct.; **6**, same, a man, took two teaspoonfuls; **7**, Dr. Walter Jauncey, Lond. Med. Journ., 1858, p. 699, effects of large dose of "Lupuline;" **8**, same, took repeated doses of Lupuline for six hours, 10 grains every half hour; **9**, Same, inclosed myself in a room where Lupuline was being distilled in an open retort; **10**, same, effects in a man employed bagging or treading dried hops; **11**, Bauman, Wurt. Corr. Bl., 1864 (S. J., 123, 165), poisoning of a child, aged twelve, from being several days in a room where they were picking hops; **12**, Fronmüller, experiments on healthy persons, "Narkot. Arzneim.," 1869, Geo. D., took ½ an ounce of freshly powdered hops; **13**, same, Geo. X., took ½ an ounce; **14**, Schroff, "Lehrb.," effects of the air in a close room in which hops were stored.

Mind.—Frequent starting up from deep sleep, with violent delirium, from which he could only be aroused with great difficulty, when he recognized the bystanders, but immediately feel backward into stupor,[11].—The mental functions remain indolent for several months,[11].—Stupefaction,[14].

Head.—Confusion of the head,[14]; (third day),[1].—Vertigo,[12].—Increased rush of blood to the head and eyes,[4].—Heat in the head; with confusion and dull headache,[2].—Heat of the head and face, with a dull and confused condition of the head (fifth day),[1].—Pain in the head,[7].—[10.] Violent pain in the head (after half an hour); headache insupportable (after one hour); the headache continued nearly two hours after discontinuing the inhalation,[9].—Headache,[14].—Drawing pain in the head,[6].—Dull pressure in the forehead, as after intoxication (after one hour),[5].—Violent pulsating of the temporal arteries,[11].

Eye.—Pupils remain dilated for several months,[11].

Mouth.—Tongue thickly coated, with much inclination to be dry,[11].

Throat.—Violent pulsation of the carotids,[11].

Stomach.—Appetite. Loss of appetite,[7].—***Thirst.*** Great thirst, no appetite,[11].—***Eructations.*** [20.] Eructations, so that she became nauseated (soon),[1].—Some eructations of air (soon),[1].—Eructations tasting of the hops,[2].—***Nausea and Vomiting.*** Nausea,[7].—Nausea continued nearly two hours after ceasing the inhalation,[9].—Nausea for two days, and a little retching,[2].—Nausea and slight colic,[2].—Inclination to vomit (after one hour),[9].—Vomiting,[11].—***Stomach.*** Sensation of increased warmth in the stomach, soon,[2]; (third day),[1].—[30.] Sensation of turning in the stomach, with some nausea, without diminished appetite,[2].—Sensation of turning in the stomach, and a feeling as though she were very hungry, without, however, having an appetite (third day),[1].

Abdomen.—Fermentation and some dull pains in the abdomen,[6].—Pains in the abdomen (third day),[1].—Dull griping in the lower abdomen, with nausea (third day),[1].

Stool.—Stool softer than usual, with so great urging that he could scarcely reach the closet (after ten hours),[3].—Stool retarded,[11].

Urinary Organs.—Burning in the urethra during micturition, which was not relieved by coffee, as were the other symptoms,[1].—Urine retarded,[11].—In full doses it acts as a diuretic,[7].—[40.] Urine dark-brown and clear,[11].—Considerable quantity of clear urine, the reaction of which was acid, and sp. gr. 1026; while that passed previously the same day and that on the following day were respectively 1015 and 1020,[9].

Sexual Organs.—Diminishes and allays the venereal appetite,[7].

Respiratory Organs.—Respiration deep, almost stertorous,[11].—Respiration 20 (before taking), 24 (after ten minutes),[13].

Pulse.—Pulse 64 (before taking); 80 (after five minutes); 78 (after fifteen minutes); 74 (after twenty minutes); 92 (after twenty-five minutes); 86 (after thirty minutes),[13].—Pulse slow, rather full,[11].—Pulse slow and intermittent,[10].—Frequency of the pulse reduced from 20 to 30 beats a minute (and Dr. Maton lowered it even 36 beats in the minute),[7].—Pulse lower by 30 beats in a minute, and intermittent, accompanied by such an uncomfortable sensation of faintness, that I did not carry the experiment farther,[8].—[50.] Pulse 96 (before taking), 94 (after a quarter of an hour),[12].—Pulse 84 (before the experiment); reduced 15 beats (after half an hour); fallen to 60, and occasionally intermittent (after one hour); regular and of its usual rapidity (twenty minutes after discontinuing the inhalation),[9].

Superior Extremities.—Great twitching of the tendons of the upper extremities,[11].

Inferior Extremities.—Paralytic weakness of the lower extremities,[11].

General Symptoms.—Objective. Movements of the body were

difficult and unsteady for several months,[11].—Occasionally the smell made him so faint that he was obliged to go into the open air; he described his feelings as a faintness and dizziness,[10].—***Subjective.*** Uncomfortable sensation of faintness,[8].—Drawing in almost all the muscles in short paroxysms, mostly between the shoulders, and also in the muscles of the arms and hands; these pains shifted from one place to another, "just like rheumatism,"[5].

Skin.—Scarlet-like erythema, especially over the face; with here and there small pustules,[11].

Fever.—Temperature 29.8° (before taking); 30° (after taking),[12].—[60.] Profuse perspiration with high temperature,[11].

Condition.—**Amelioration.**—(*After coffee*), Immediately, the symptoms,[1].

LYCOPERSICUM.

Lycopersicum esculentum, Mill.

Natural order, Solanaceæ.

Common names, Tomato, Love-apple.

Preparation, Tincture of ripe fruit.

Authorities. **1**, Dr. Gross, Archiv. f. Hom., 17, 3, p. 183; **2**, Dr. Helen J. Underwood, in letter to editor, "effects in many women, who could not eat a saucer of fresh tomatoes without the following effects."

Mind.—Peevish about trifles, increased by the weakness of memory,[1].—Thoughts disappear, worse when leaning the head upon anything; forgets everything he wishes to recollect,[1].

Head.—Heavy confusion of the head,[1].—Dulness of the head,[1].—Heaviness of the head, with weakness of the cervical muscles (after a quarter of an hour),[1].—Sensation as if the head were compressed or squeezed from both sides,[1].—Boring; therewith the skin of the forehead becomes painfully tense,[1].—Pressure beneath the frontal bone, as if the brain would be forced out, relieved by leaning the head against something, always in the evening and continuing awhile after going to bed,[1].—Boring in the left side of the occiput,[1].

Nose.—[10.] Stopped catarrh in the nose,[1].

Face.—Pressure in the right zygoma,[1].—A stitch in the left cheek,[1].—Stitches in the left zygoma,[1].

Urinary Organs.—Must rise at night to urinate,[1].

Sexual Organs.—Profuse leucorrhœal discharge (immediately),[2].—In some cases, what was thought to be too frequent menstruation, brought on by free use of canned tomatoes, and the flow would return whenever this food was eaten for a few meals,[2].

Chest.—Slight sticking beneath the left side of the sternum; without difficulty of respiration,[1].

Back.—They will cause a depressing backache, in lower dorsal and lumbar region, which will make any one feel gloomy and depressed,[2].

Superior Extremities.—Sticking on the inner side of the left forearm,[1].

Inferior Extremities.—[20.] Painful sticking behind the articulation of the left hip,[1].—Sticking above the external malleolus of the right foot, during rest and motion,[1].

General Symptoms.—At night he lies upon the back, on account of a sensation of paralysis,[1].

Sleep.—Is unable to fall asleep in the evening, tosses about, every position is uncomfortable,[1].—Frequent waking and tossing about at night, the limbs when pressed feel paralyzed,[1].—Is wakened by an insignificant dream,[1].

Conditions.—**Aggravation.**—(*Evening*), Relieved by leaning head against something, pressure beneath frontal bone.—(*Leaning head against anything*), Disappearance of thought.